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Outbreaks Following Wild Poliovirus Importations — Europe, Africa, and Asia, January 2009–September 2010

The Global Polio Eradication Initiative (GPEI) began in 1988. By 2006, indigenous transmission of wild poliovirus (WPV) had been interrupted in all but four countries (Afghanistan, India, Nigeria, and Pakistan) (1). However, outbreaks following WPV importations into previously polio-free countries remain an ongoing risk until polio is eradicated (1-3). The GPEI Strategic Plan for 2010-2012 (4) set the following two goals for outbreak control: 1) end outbreaks occurring in 2009 by mid-2010 and 2) end outbreaks occurring during 2010 to mid-2012 within 6 months of confirmation. This report describes new outbreaks that have occurred in the World Health Organization (WHO) European Region and updates previous reports on the status of outbreaks in Africa and Asia (3). In 2010, the first WPV importation into the European Region since the region was declared polio-free in 2002 resulted in 476 confirmed cases: 458 in Tajikistan, 14 in Russia, three in Turkmenistan, and one in Kazakhstan. In Africa and Asia, 11 new importations into six countries were observed in 2010; 30 WPV importations that occurred during 2008-2009 resulted in 215 cases in 15 African countries during 2009-2010, An outbreak is considered interrupted if 6 months have elapsed since the latest confirmed case and surveillance performance indicators meet WHO standards. All 2009 outbreaks in Africa appear to have been interrupted, and 2010 outbreaks in three countries appear to have been interrupted. Maintaining high routine vaccination coverage and sensitive surveillance at all times and rapidly instituting additional immunization programs to control outbreaks are key to limiting and stopping the spread of WPV.

European Region Importations, 2010

On April 13, 2010, Tajikistan notified WHO of a sharp increase in reported acute flaccid paralysis (AFP) cases. On April 20, the designated WHO regional reference laboratory in Moscow, Russia, identified WPV type 1 (WPV1) in stool specimens from persons with AFP cases; the WPV1 was genetically

most closely related to WPV1 isolated in Uttar Pradesh, India, in August 2009. As of November 1, 2010, Tajikistan had reported 458 laboratory-confirmed WPV1 cases from 35 of 61 administrative territories, with paralysis onset dates occuring February 1–July 4 (Figure 1). Ninety (20%) patients were aged <1 year, 208 (45%) were aged 1–4 years, 107 (23%) were aged 5–14 years, and 53 (12%) were aged ≥15 years. Early in the outbreak, the majority of cases were in children aged <5 years; after week 20, 78% of cases were in persons aged ≥5 years (Figure 1). Twenty-six (5.7%) patients died; 15 were aged <15 years, eight were aged 5–14 years, and three were aged ≥15 years.

The outbreak spread to three other polio-free countries,* where 18 cases were confirmed, bringing to 476 the total number of cases in the European Region (Figure 2). Russia reported 14 cases following at least five independent importations, with onsets during May 4–September 25 (confirmed May 31). Turkmenistan reported three cases in June (confirmed June 27), and Kazakhstan reported one case in August

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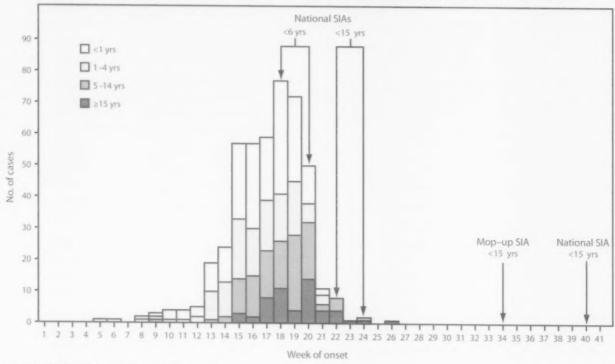
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^{*}Countries with no evidence of indigenous WPV transmission for ≥1 years and subsequent cases determined to be of external origin by genomic sequencing analysis.

FIGURE 1. Laboratory-confirmed wild poliovirus type 1 cases (N = 458), by week of paralysis onset and age group — Tajikistan, 2010



Abbreviation: SIA = supplementary immunization activity.

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(confirmed October 5) (Table 1). Nine of these 18 patients were aged <5 years.

Efforts to control the outbreak in Tajikistan began May 4 with the first of four rounds of national supplementary immunization activities (SIAs), [†] 2 weeks apart, using monovalent type 1 oral poliovirus vaccine (mOPV1) (Table 2). The first two SIAs targeted children aged <6 years, and the third and fourth SIAs targeted children aged <15 years. Mop-up SIAs with mOPV1 were conducted in 34 districts in September; one national SIA using trivalent OPV was conducted in early October, and another is planned for November, each targeting children aged <15 years (Table 2). Reported vaccination coverage for each SIA was ≥98% of the target (Table 2).

In early May 2010, the risk for importation was assessed for 12 countries[§] in the European Region to identify high-risk subnational areas for WPV transmission. National authorities were advised to strengthen surveillance[§] through enhanced active case finding and weekly reporting and to implement SIAs as needed. Kazakhstan, Kyrgyzstan, Turkmenistan, and Uzbekistan conducted national SIAs to limit further spread; Russia conducted focal mop-up SIAs and catch-up immunizations (Table 2).

Importations in Africa and Asia, 2009–2010

Nineteen importations of WPV1 and 11 of WPV type 3 (WPV3) that occurred during 2008–2009 (nine in 2008 and 21 in 2009) resulted in 208 polio cases in 15 countries in 2009 and seven additional cases in 2010 (Table 1). As of November 1, 2010, no other 2009 outbreak-related cases had been detected

during the 6 months since the latest case in Mauritania (April 28, 2010). In outbreaks with the first case occurring in 2010, seven importations of WPV1 and two of WPV3 resulted in 26 polio cases in four African countries, and WPV1 importation into one Asian country resulted in six cases to date (Table 1).

West Central Africa.** In 2009, outbreaks related to increased circulation of WPV1 and WPV3 in Nigeria during 2008–2009 occurred in 12 countries (Table 1). Outbreaks in Mali, Mauritania, and Sierra Leone continued into 2010.

In 2010, Senegal had three importations (first confirmed January 18). New importations with no or limited subsequent transmission also occurred in Liberia (confirmed April 14), Mali (WPV1 confirmed April 8 and WPV3 confirmed October 15) and Niger (confirmed April 22) (Table 1). The most recent case among 2010 outbreaks occurred on September 8 in Liberia.

Horn of Africa. Outbreaks occurred in Kenya and Uganda in 2009 (the latest cases on July 30 and May 10, 2009, respectively) (Table 1). These represented two distinct importations from south Sudan, where WPV1 genetically related to viruses from the importation-related outbreak during 2004–2005 in Sudan was again confirmed from polio cases during June 2008–June 2009. §§ A new 2010 importation case occurred in Uganda on September 28 (confirmed October 18), genetically related to virus last isolated in Kenya in 2009.

South Central Africa. Two cases occurred in Burundi in 2009, most recently on September 12, 2009 (Table 1). This outbreak spread from the Democratic Republic of the Congo (DRC) as a result of WPV1 importation from India into Angola in 2005 and subsequently into DRC (3).

Nepal. Two WPV1 importations from India caused six confirmed WPV1 cases in Nepal in 2010. The first case occurred on February 19 (confirmed on March 19), and the most recent occurred on August 30.

Mass campaigns conducted for a brief period (days to weeks), during which 1 dose of OPV typically is administered to all children aged <5 years (although the target age group can vary), regardless of vaccination history. Campaigns can be conducted nationally or in portions of the country, and the approach to SIA implementation varies widely by country.

SArmenia, Azerbaijan, Bosnia and Herzegovina, Georgia, Kyrgyzstan, Kazakhstan, Russia, Tajikistan, Turkey, Turkmenistan, Ukraine, and Uzbekistan.

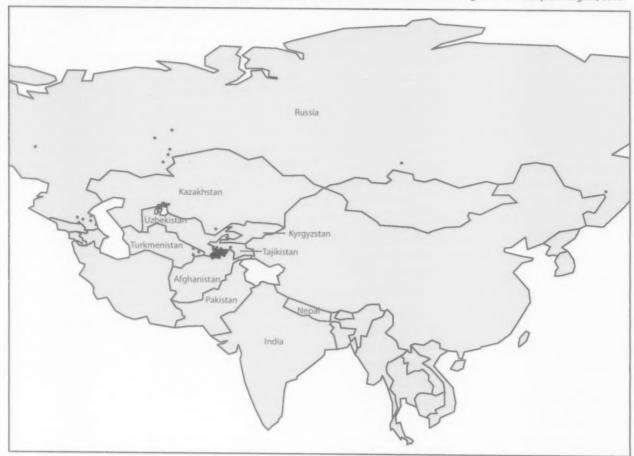
⁹ AFP surveillance quality is monitored by performance indicators that suggest the case by which any WPV transmission will be detected. The current WHO targets are a nonpolio AFP detection rate of >2 cases per 100,000 population aged <15 years and adequate stool specimen collection from >80% of AFP cases, in which two specimens are collected ≥24 hours apart, both within 14 days of paralysis onset, and shipped on ice or frozen ice packs to a WHO-accredited laboratory, arriving in good condition. National data might mask surveillance system weaknesses at subnational levels.

^{**} Regions are based on GPEI epidemiologic and programmatic considerations and do not necessarily coincide with traditional geographic divisions.

^{††} Benin, Burkina Faso, Cameroon, Central African Republic, Côte d'Ivoire, Guinea, Liberia, Mali, Mauritania, Niger, Sierra Leone, and Togo.

³⁵ The latest patient in south Sudan had onset June 27, 2009; however, surveillance quality has not met performance standards for >12 months.

FIGURE 2. Distribution of laboratory-confirmed wild poliovirus type 1 cases (N = 476) — World Health Organization European Region, 2010



Reported by

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Editorial Note

The large 2010 WPV1 outbreak in the WHO European Region, certified as polio-free since 2002, highlights the risk for WPV reintroduction for all countries posed by international travel and migration. Factors contributing to the scale of the outbreak in Tajikistan included a health system with limited resources, accumulation of susceptible persons in areas of low OPV coverage (5), and delays in recognizing and testing the initial cluster of AFP cases, as also

occurred during the 2005 outbreak in Yemen (2). In June 2009, the European Regional Commission for the Certification of Poliomyelitis Eradication highlighted a high risk for transmission in Tajikistan if WPV was introduced (6), but funds were not available to conduct preventive SIAs. Additional SIAs are planned in the Central Asian republics and Russia to end the outbreaks and prevent spread to other countries in the region known to have pockets of low vaccination coverage (e.g., Bulgaria, Georgia, and Ukraine). All countries in the region must ensure full political commitment to undertake the actions recommended by WHO to detect WPV importations and limit spread.

The GPEI Strategic Plan milestone of ending 2009 importation-related outbreaks by mid-2010 appears to have been met, with one possible exception: WPV1 circulation related to the 2009 outbreak in Kenya, as

TABLE 1. Summary information regarding importations of wild poliovirus (WPV) types 1 and 3 into previously polio-free countries and subsequent outbreaks — Africa, Europe, and Asia, January 2009–September 2010

| Region/Country | No. of Importations† by WPV type | Onset date of first confirmed polio case | Onset date of most recent polio case | WPV origin by sequencing | No. of polio cases confirmed to date§ | No. of SIAs between first and most recent case ¹ | No. of SIAs since most recent case [¶] | Estimated OPV3 coverage during 2009** (%) | Surrogate OPV3 coverage ^{††} during 2009 |
|---------------------------------|--|---|---|-------------------------------|---------------------------------------|--|--|--|--|
| 2009 outbreaks | | | | | | | | 1.77 | 1701 |
| West Central Africa 55 | 5 | | | | | | | | |
| Benin | 1 WPV1 | 11/3/2008 | 4/19/2009 | Nigeria | 20 | 3 | 6 | 83 | 67 |
| Burkina Faso | 3 WPV1 | 11/4/2008 | 10/25/2009 | Togo, Côte d'Ivoire, Benin | 15 | 7 | 6 | 84 | 83 |
| Cameroon | 2 WPV3 | 7/29/2009 | 10/15/2009 | Nigeria, Chad | 3 | 0 | 6 | 79 | 70 |
| CAR | 1 WPV3 | 4/2/2009 | 8/3/2009 | Chad | 14 | 3 | 6 | 47 | 63 |
| Côte d'Ivoire | 2 WPV1 | 12/24/2008 | 8/6/2009 | Burkina Faso | 27 | 4 | 5 | 77 | 66 |
| Guinea | 1 WPV1 | 4/9/2009 | 11/3/2009 | Côte d'Ivoire | 42 | 4 | 6 | 53 | 66 |
| Liberia | 1 WPV1 | 4/29/2009 | 10/26/2009 | Côte d'Ivoire | 11 | 4 | 5 | 74 | 63 |
| Mali | 2 WPV1 | 8/30/2008 | 03/30/2010 | Burkina Faso, Guinea | 3⁵ | 8 | 4 | 74 | 89 |
| Mauritania | 1 WPV1 | 10/7/2009 | 4/28/2010 | Cote d'Ivoire | 189 | 5 | 3 | 63 | 89 |
| Niger | 8 WPV3 | 12/6/2008 | 5/28/2009 | Nigeria, Chad | 15 | 2 | 5 | 71 | 87 |
| | 1 WPV1 | 5/28/2009 | | Nigeria | 1 | - | 5 | 7.1 | 0/ |
| Sierra Leone | 1 WPV1 | 7/15/2009 | 2/28/2010 | Guinea | 125 | 5 | 4 | 74 | 75 |
| Togo | 3 WPV1 | 10/16/2008 | 3/28/2009 | Burkina Faso, Ghana | 6 | 2 | 4 | 89 | 80 |
| Horn of Africa | | | | | | ~ | 4 | 02 | 00 |
| Kenya | 1 WPV1 | 2/3/2009 | 7/30/2009 | Sudan | 18 | 4 | - | | |
| Uganda | 1 WPV1 | 1/28/2009 | 5/10/2009 | Sudan | 8 | 4 | 5 | 71 59 | 75 |
| South Central Africa Burundi | 1 WPV1 | 9/8/2009 | 9/12/2009 | DRC | | | | | 76 |
| | 1 441-41 | 9/0/2009 | 9/12/2009 | DRC | 2 | 0 | 2 | 96 | 78 |
| 2010 outbreaks | | | | | | | | | |
| West Central Africa | | | | | | | | | |
| Liberia | 1 WPV1 | 3/3/2010 | 09/08/2010 | Guinea | 2 | 4 | 0 | 74 | 63 |
| Mali | 2 WPV1 | 3/6/2010 | 5/1/2010 | Mauritania, Burkina Faso | 2 | 2 | 3 | 74 | 89 |
| | 1 WPV3 | 09/17/2010 | | TBD | 1 | 0 | 0 | | |
| Niger | 1 WPV3 | 3/8/2010 | 4/1/2010 | Nigeria | 2 | 0 | 3 | 71 | 87 |
| Senegal | 3 WPV1 | 1/5/2010 | 4/30/2010 | Mauritania, Guinea | 18 | 2 | 3 | 83 | 76 |
| Horn of Africa Uganda | 1 WPV1 | 09/28/2010 | | Kenya | , | | | | |
| Europe/Asia | | 02/20/2010 | | nenya | 1 | | 0 | 59 | 76 |
| | 1.16(0)(1) | 0/12/2017 | | | | | | | |
| Kazakhstan | 1 WPV1 | 8/12/2010 | 0.120.120.40 | TBD | 1 | | 1 | 99 | 98 |
| Nepal Russia | 2 WPV1 | 2/19/2010 | 8/30/2010 | India | 6 | 6 | 2 | 82 | 97 |
| | 5 WPV1 | 5/4/2010 | 9/25/2010 | Tajikistan, TBD | 14 | 0 | 0 | 98 | 89 |
| Tajikistan | 1 WPV1 | 2/1/2010 | 7/4/2010 | India | 458 | 4 | 2 | 93 | 100 |
| Turkmenistan | 2 WPV1 | 6/20/2010 | 6/28/2010 | Tajikistan | 3 | 0 | 3 | 97 | 100 |

Abbreviations: CAR = Central African Republic; DRC = Democratic Republic of the Congo; OPV3 = 3 doses of live, attenuated oral polio virus vaccine; SIAs = supplementary immunization activities; TBD = to be determined.

^{*} Countries with no evidence of indigenous WPV transmission for ≥1 years and subsequent cases determined to be of external origin by genomic sequencing analysis. Importations also occurred into Chad and DRC, which in 2009 also experienced reestablished persistent transmission of WPV (≥12 months) after importation. Data as of November 1, 2010.

Detection of one or more polio cases in a country from WPV that genetic analysis showed to be originating from another country. For some outbreaks occurring in 2009, the related importation occurred in 2008 and transmission continued into 2009: Benin (one importation), Burkina Faso (two), Côte d'Ivoire (one), Mall (one), Niger (three), and Togo (one). Data as of November 1, 2010.

Number of polio cases in a country from WPV importations resulting in outbreaks in that year. For some outbreaks occurring in 2009, additional cases occurred in 2010 that are reflected in the totals for 2009 outbreaks: Mali (one case), Mauritania (five), and Sierra Leone (one).

[¶] When ≥25% of children were targeted for vaccination.

^{**} World Health Organization/UNICEF estimate of vaccination coverage with 3 doses of OPV by age 12 months, on the basis of country reports and survey data. Available at http://www.who.int/vaccines/globalsummary/immunization/countryprofileselect.cfm.

^{††} Percentage of children aged 6–35 months with nonpolio acute flaccid paralysis (specimen testing does not indicate WPV infection) who have received 3 or more doses of OPV; these national data might mask vaccination coverage weaknesses at subnational levels.

^{§5} Regions are based on Global Polio Eradication Initiative epidemiologic and programmatic considerations and do not necessarily coincide with traditional geographic divisions.

TABLE 2. Supplementary immunization activities (SIAs) after wild poliovirus importations — World Health Organization European Region, 2010

| | | Dates of S | IAs, vaccine t | ype, and vacci | nation cover | age (%)* | | | |
|---------------------|---|--|-------------------------------|-------------------------------|----------------------------|------------------|--|---|--|
| Country | Round 1 | Round 2 | Round 3 | Round 4 | Round 5 | Round 6 | Mop-up | Target age groups | Target population |
| Tajikistan | May 4-8 mOPV1 (99.4%) | May18-22 mOPV1 (99.4%) | Jun 1-5 mOPV1 (98.8%) | Jun 15–19 mOPV1 (99.3%) | Oct 4-8 tOPV (99.6%) | Nov 8-12 tOPV | Sep 13–17 mOPV1 34 districts (98.0%–100%) | <6 yrs (rounds 1–2) <15 yrs (rounds 3–6 and mop–up) | 1,090,000 (rounds 1–2) 2,673,741 (rounds 3–6) 1,788,900 (mop–up) |
| Uzbekistan | May 17-21 mOPV1 (100.8%) | Jun 7-11 mOPV1 (100.4%) | Jul 5-9 mOPV1 (100.5%) | Oct 25-31 mOPV1 | | | Jul 20-26 mOPV1 (91.6%) | <5 yrs (rounds 1–3) <15 yrs (round 4) <25 yrs (round 4 in one region) | 2,850,000 (rounds 1-3) 9,003,262 (round 4) |
| Kyrgyzstan | Jul 19-23 mOPV1 (95.2%) | Aug 23-27 mOPV1 (95.0%) | | | | | | <5 yrs | 670,165 |
| Turkmenistan | Jul 12-18 tOPV (98.9%) | Aug 26-Sep 5 mOPV1 (100%) | Sep 20-29 mOPV1 (99.6%) | | | | Jul 28-Aug 6 mOPV1 Two regions bordering Uzbekistan (99.5%) | <5 yrs (round 1) <15 yrs (rounds 2–3) <25 yrs (mop-up) | 579,483 (round 1) 1,479,664 (round 2) 1,488,639 (round 3) |
| Kazakhstan | Sep 6-10 tOPV (98.9%) | Nov 1–10 mOPV1 Almaty city and 5 regions in Southern Kazakhstan | | | | | | <5 yrs (round 1) <15 yrs (round 2) | 1,668,727 (round 1) 2,200,000 (round 2; estimate) |
| Russia [†] | Nov 1–5 tOPV The North Caucasus and Southern federal districts | Nov 29–Dec 3 tOPV The North Caucasus and Southern federal districts | | | | | | 6 mos-14 yrs | |

Abbreviations: mOPV1 type 1 = monovalent oral poliovirus vaccine; tOPV = trivalent oral poliovirus vaccine.

*Reported coverage by Ministry of Health. Data for round 4 (October 25–31) in Uzbekistan are not yet available

Russia has implemented focal mop-up SIAs and catch-up immunization to date.

suggested by the September 28, 2010, case in Uganda. Whether WPV1 circulating in Kenya in 2009 continued to circulate without detection in Uganda, in Kenya, or in both countries, is uncertain and requires further observation and investigation. Many outbreaks occurring in 2010 have ended or are on track to end within 6 months of confirmation, including the outbreak in Tajikistan. However, concern exists that ongoing transmission within the northern Caucasus area of Russia and in Nepal could spread further, unless high-quality SIAs are implemented. In Africa, some countries that had outbreaks have not met AFP surveillance performance criteria fully, so caution is needed when interpreting the length of time after the latest confirmed cases as a sign that an outbreak has ended, particularly when surveillance is suboptimal in neighboring countries.

During 2009–2010, WPV was imported into polio-free countries from both polio-endemic countries (India and Nigeria) and previously polio-free countries with reestablished transmission (Chad

and Sudan) (3), with importations occurring more frequently in countries adjacent to countries with ongoing WPV transmission. The risk for WPV importations in 2010 appears to have decreased as a result of 1) a ≥90% decrease in confirmed cases in Nigeria and northern India compared with the same period in 2009, 2) a prolonged period without confirmed WPV cases in Sudan, and 3) >4 months without confirmed cases in Chad. However, WPV importations from reservoir countries into polio-free areas will continue to occur until transmission is interrupted everywhere.

Transmission after WPV importation can be prevented by ensuring high levels of poliovirus immunity in the population. Early recognition and response to WPV transmission limit the geographic extent and enable more rapid control of an outbreak (8,9). All polio-free countries are advised to maintain high levels of immunity against polioviruses at all times through strong routine vaccination programs, adding SIAs when necessary. Maintaining sensitive, efficient,

What is already known on this topic?

The four remaining countries that have never interrupted wild poliovirus (WPV) transmission (Afghanistan, India, Nigeria, and Pakistan) and previously polio-free countries with reestablished transmission following WPV importation (Angola, Chad, Democratic Republic of the Congo, and Sudan) continue to be the source of WPV importations into polio-free areas.

What is added by this report?

All 2009 WPV outbreaks (with one possible exception) appear to have been interrupted, but new importations have occurred in 2010, including the first WPV importation into the World Health Organization European Region since the region was certified polio-free in 2002. The European Region importation has resulted in a large-scale outbreak (458 cases) in Tajikistan, with 18 more cases in Kazakhstan, Russia, and Turkmenistan.

What are the implications for public health practice?

All polio-free countries are advised to maintain high vaccination coverage and sensitive surveillance systems. If WPV importation is recognized in a country or its neighbors, health authorities need to institute supplementary immunization activities rapidly to limit WPV spread and interrupt outbreaks.

nationwide AFP surveillance systems with timely investigation and testing of specimens in accredited laboratories is critical to promptly identifying importations. National authorities should maintain updated preparedness plans for timely, large-scale, high-quality response SIAs if WPV importations occur (9).

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State-Specific Prevalence of Cigarette Smoking and Smokeless Tobacco Use Among Adults — United States, 2009

The health consequences of cigarette smoking and smokeless tobacco use both have been well documented, including increased risk for lung, throat, oral, and other types of cancers (1,2). To assess state-specific current cigarette smoking and smokeless tobacco use among adults, CDC analyzed data from the 2009 Behavioral Risk Factor Surveillance System (BRFSS). This report summarizes the results of that analysis, which indicated wide variation in self-reported cigarette smoking prevalence (range: 6.4% [U.S. Virgin Islands (USVI)] to 25.6% [Kentucky and West Virginia]) and smokeless tobacco use (range: 0.8% [USVI] to 9.1% [Wyoming]). For 15 of the states, Puerto Rico, and Guam, smoking prevalence was significantly higher among men than among women. The prevalence of smokeless tobacco use was higher among men than women in all states and territories. Smokeless tobacco use was highest among persons aged 18-24 years and those with a high school education or less. From 0.9% (Puerto Rico) to 13.7% (Wyoming) of current smokers reported also using smokeless tobacco. Clinicians should identify all tobacco use in their patients and advise those who use any tobacco product to quit. The World Health Organization (WHO) recommends implementing this approach in combination with other measures, including raising excise taxes on tobacco and strengthening smoke-free policies to prevent tobacco-related deaths.

BRFSS* is a state-based, landline telephone survey of noninstitutionalized adults conducted annually in all 50 states, the District of Columbia (DC), Guam, Puerto Rico, and USVI. The 2009 BRFSS included data from 432,607 adults that were used to assess the prevalence of current smoking* and smokeless tobacco

use. Respondents also were asked their age, sex, and highest grade or year of school completed. Estimates were weighted to adjust for differences in probability of selection and nonresponse, as well as noncoverage of persons in households without landline telephones. These sampling weights were used to calculate all estimates and 95% confidence intervals. Response rates for BRFSS are calculated using Council of American Survey and Research Organizations (CASRO) guidelines. Median survey response rates were 52.5%, calculated as the percentage of persons who completed interviews among all eligible persons. including those who were not contacted. Median cooperation rates were 75.0%, calculated as the percentage of persons who completed interviews among all eligible persons who were contacted. For comparisons of prevalence between men and women, statistical significance (p<0.05) was determined using a two-sided z-test.

Current Cigarette Smoking Prevalence

In 2009, current smoking prevalence was highest in Kentucky (25.6%), West Virginia (25.6%), and Oklahoma (25.5%), and lowest in Utah (9.8%), California (12.9%), and Washington (14.9%) (Table 1). Smoking prevalence was 6.4% in USVI, 10.6% in Puerto Rico, and 24.1% in Guam. For 15 of the states, Puerto Rico, and Guam, smoking prevalence was significantly higher among men than among women, and in no state was smoking prevalence significantly higher among women than men.

Current Smokeless Tobacco Use Prevalence

Smokeless tobacco use within states was highest in Wyoming (9.1%), West Virginia (8.5%), and Mississippi (7.5%); and lowest in California (1.3%),

^{*} BRFSS survey data information is available at http://www.edc.gov/brfss/technical_infodata/surveydata/2009.htm.

Respondents who answered "yes" to the question "Have you smoked at least 100 eigarettes in your entire life?" and answered "every day" or "some days" to the question "Do you now smoke eigarettes every day, some days, or not at all?" were classified as current eigarette smokers.

[§]Respondents who answered "every day" or "some days" to the question "Do you currently use chewing tobacco, snuff, or snus [a small pouch of smokeless tobacco] every day, some days, or not at all?" were classified as current smokeless tobacco users. This is the first year that a question related to smokeless tobacco use was included on the core questionnaire of the BRFSS. In some previous years, the questions to assess smokeless tobacco use were offered as an optional module.

lance System, United States, 2009

| | | | Cigaret | te smoking | | |
|----------------------|------|-------------|---------|-------------|------|---------------|
| | | Total | | Men | W | omen |
| State/Area | % | (95% CI†) | 96 | (95% CI) | % | (95% CI) |
| Utah | 9.8 | (8.9-10.7) | 11.9 | (10.4-13.4) | 7.7 | (6.7-8.7) |
| California | 12.9 | (12.1-13.7) | 15.6 | (14.3-16.9) | 10.2 | (9.3-11.1) |
| Washington | 14.9 | (14.1-15.7) | 16.1 | (14.8-17.3) | 13.8 | (12.9-14.7) |
| Massachusetts | 15.0 | (14.0-16.0) | 16.1 | (14.5-17.7) | 14.0 | (12.8-15.1) |
| Rhode Island | 15.1 | (13.7-16.5) | 15.3 | (13.0-17.5) | 14.9 | (13.3-16.6) |
| Maryland | 15.2 | (14.0-16.4) | 16.7 | (14.7-18.7) | 13.8 | (12.4-15.1) |
| District of Columbia | 15.3 | (13.7-16.9) | 15.8 | (13.1–18.5) | 14.8 | (12.9-16.7) |
| Connecticut | 15.4 | (13.9-16.9) | 16.2 | (13.8–18.6) | 14.7 | (12.8-16.7) |
| Hawaii | 15.4 | (14.1-16.7) | 16.8 | (14.7-18.9) | 13.9 | (12.3-15.5) |
| New Hampshire | 15.8 | (14.3-17.3) | 17.3 | (14.7–19.9) | 14.3 | (12.6-16.0) |
| New Jersey | 15.8 | (14.7-16.9) | 17.6 | (15.7–19.5) | 14.2 | (13.0-15.4) |
| Arizona | 16.1 | (14.1-18.1) | 18.0 | (14.9-21.2) | 14.3 | (11.9-16.7) |
| daho | 16.3 | (14.7-17.8) | 18.7 | (16.2-21.3) | 13.9 | (12.2-15.6) |
| Nebraska | 16.7 | (15.3-18.1) | 18.5 | (16.3–20.6) | 15.0 | (13.4–16.6) |
| Minnesota | 16.8 | (15.3–18.3) | 18.6 | (16.1-21.2) | 14.9 | (13.4–16.0) |
| Montana | 16.8 | (15.4–18.1) | 16.4 | (14.3–18.4) | 17.3 | (15.5–19.0) |
| Colorado | 17.1 | (16.0-18.2) | 19.5 | (17.7–21.3) | 14.6 | |
| Florida | 17.1 | (15.8-18.4) | 18.0 | (15.8–20.2) | 16.3 | (13.4-15.9) |
| /ermont | 17.1 | (15.7–18.5) | 19.4 | (17.2-21.6) | | (14.8-17.8) |
| owa | 17.2 | (15.8–18.6) | 19.6 | (17.3-21.9) | 15.0 | (13.3–16.6) |
| Maine | 17.3 | (16.1–18.5) | 18.9 | (16.9–20.8) | 14.8 | (13.2–16.5) |
| South Dakota | 17.5 | (16.0-19.0) | 16.9 | (14.6–19.2) | 15.8 | (14.4-17.2) |
| Seorgia | 17.7 | (16.1–19.3) | 20.0 | 2 | 18.1 | (16.1-20.0) |
| (ansas | 17.8 | (17.0–18.6) | 18.6 | (17.2-22.7) | 15.5 | (13.8-17.2) |
| New Mexico | 17.9 | (16.6-19.2) | | (17.3–19.9) | 17.1 | (16.1-18.1) |
| Oregon | 17.9 | (16.1–19.7) | 19.9 | (17.7-22.0) | 16.1 | (14.5-17.7) |
| Texas | 17.9 | (16.4–19.4) | 18.5 | (15.6-21.4) | 17.2 | (15.0-19.5) |
| New York | 18.0 | | 22.1 | (19.5-24.7) | 13.8 | (12.5-15.1) |
| Delaware | 18.3 | (16.6–19.4) | 19.3 | (16.9-21.7) | 16.8 | (15.2-18.4) |
| Ilinois | 18.5 | (16.5-20.1) | 20.2 | (17.2-23.1) | 16.6 | (14.5-18.7) |
| North Dakota | 18.6 | (17.1-20.1) | 20.6 | (18.1-23.1) | 16.7 | (15.0-18.3) |
| Wisconsin | 18.8 | (16.9-20.3) | 19.3 | (16.7–22.0) | 17.9 | (15.8-19.9) |
| /irginia | | (16.8-20.8) | 20.3 | (16.9-23.6) | 17.3 | (15.0-19.6) |
| Michigan | 19.0 | (16.8–21.2) | 22.5 | (18.6-26.4) | 15.8 | (13.9-17.6) |
| | 19.6 | (18.4–20.8) | 21.1 | (19.1-22.9) | 18.2 | (16.8-19.7) |
| Wyoming | 19.9 | (18.3-21.4) | 20.1 | (17.8-22.5) | 19.7 | (17.7-21.7) |
| Pennsylvania | 20.2 | (18.9-21.5) | 21.5 | (19.3-23.7) | 19.1 | (17.5-20.6) |
| North Carolina | 20.3 | (19.0-21.6) | 23.1 | (21.0-25.3) | 17.7 | (16.3-19.1) |
| Ohio | 20.3 | (19.0-21.5) | 21.2 | (19.2-23.3) | 19.5 | (18.0-21.0) |
| South Carolina | 20.4 | (19.0-21.8) | 21.5 | (19.2-23.8) | 19.3 | (17.5-21.1) |
| Alaska | 20.6 | (18.2-23.0) | 20.7 | (17.2-24.3) | 20.5 | (17.2 - 23.8) |
| Arkansas | 21.5 | (19.5-23.5) | 21.0 | (17.8-24.1) | 21.9 | (19.3-24.5) |
| Nevada | 22.0 | (19.5-24.5) | 22.7 | (18.8-26.7) | 21.3 | (18.3 - 24.3) |
| Tennessee | 22.0 | (20.1-23.9) | 24.6 | (21.4-27.9) | 19.6 | (17.7-21.6) |
| ouisiana | 22.1 | (20.7-23.5) | 25.1 | (22.7-27.4) | 19.3 | (17.9-20.8) |
| Nabama | 22.5 | (20.9-24.1) | 25.7 | (22.9-28.5) | 19.7 | (17.9-21.4) |
| ndiana | 23.1 | (21.7-24.5) | 24.9 | (22.6-27.1) | 21.5 | (19.8-23.1) |
| Missouri | 23.1 | (21.2-25.0) | 24.3 | (21.3-27.4) | 21.9 | (19.6-24.3) |
| Mississippi | 23.3 | (22.0-24.6) | 27.2 | (25.0-29.4) | 19.8 | (18.4-21.3) |
| Oklahoma | 25.5 | (24.1-26.9) | 27.1 | (24.7-29.4) | 24.0 | (22.4-25.5) |
| Kentucky | 25.6 | (23.9-27.3) | 27.1 | (24.1-30.0) | 24.2 | (22.3-26.1) |
| West Virginia | 25.6 | (23.9-27.2) | 27.7 | (25.0-30.4) | 23.6 | (21.7-25.6) |
| J.S. Virgin Islands | 6.4 | (5.2-7.6) | 8.1 | (6.0-10.1) | 5.0 | (3.7-6.2) |
| Puerto Rico | 10.6 | (9.3-11.9) | 13.8 | (11.4-16.2) | 7.7 | (6.4-9.1) |
| Guam | 24.1 | (21.1-27.1) | 30.9 | (25.8-36.0) | 17.1 | (14.2-20.1) |

^{*} Persons aged ≥18 years who reported having smoked ≥100 cigarettes during their life and currently smoke every day or some days. Data were weighted to be representative of the state/area population.

† Confidence interval.

TABLE 2. Prevalence of current smokeless tobacco use among adults,* by state/area — Behavioral Risk Surveillance System, United States, 2009

| | | | Smokeles | s tobacco use | | |
|----------------------|-----|------------|----------|---------------|-----|-----------|
| | | Total | | Men | W | omen |
| State/Area | % | (95% CI†) | % | (95% CI) | % | (95% CI) |
| California | 1.3 | (1.1-1.6) | 2.4 | (1.9-2.9) | 0.3 | (0.2-0.4) |
| District of Columbia | 1.5 | (0.9-2.2) | 2.0 | (1.0-2.9) | 1.2 | (0.3-2.0) |
| Massachusetts | 1.5 | (1.1-1.8) | 2.6 | (1.8-3.3) | 0.4 | (0.2-0.6) |
| Rhode Island | 1.5 | (1.0-2.0) | 2.3 | (1.3-3.2) | 0.7 | (0.4-1.1) |
| Connecticut | 1.6 | (1.1-2.2) | 2.9 | (1.9-4.0) | 0.5 | |
| Maryland | 1.7 | (1.3-2.0) | 2.5 | (1.8-3.2) | 0.9 | (0.2-0.7) |
| Delaware | 1.9 | (1.3-2.5) | 3.9 | (2.6-5.1) | | (0.5-1.3) |
| New York | 2.0 | (1.4-2.6) | 3.5 | | 0.2 | (0.1-0.3) |
| Maine | 2.3 | (1.9-2.8) | 4.1 | (2.3-4.6) | 0.7 | (0.4-1.0) |
| New Jersey | 2.3 | | | (3.2-5.0) | 0.7 | (0.4-1.0) |
| Hawaii | | (1.7-2.9) | 3.6 | (2.5-4.7) | 1.1 | (0.6-1.5) |
| | 2.6 | (2.0-3.3) | 4.0 | (2.8-5.1) | 1.3 | (0.6-2.0) |
| New Hampshire | 2.6 | (1.8-3.3) | 4.1 | (2.8-5.5) | 1.1 | (0.4-1.7) |
| Utah | 2.7 | (2.2-3.2) | 4.9 | (3.9-5.9) | 0.5 | (0.2-0.7) |
| Arizona | 3.1 | (1.9-4.2) | 5.7 | (3.5 - 8.0) | 0.5 | (0.2-0.8) |
| Florida | 3.2 | (2.5-3.9) | 5.1 | (3.8-6.4) | 1.3 | (0.7-1.9) |
| Ilinois | 3.2 | (2.5-3.9) | 5.2 | (3.9-6.5) | 1.2 | (0.7-1.8) |
| Nevada | 3.3 | (2.3-4.3) | 5.3 | (3.5-7.0) | 1.3 | (0.6-2.0) |
| Michigan | 3.5 | (2.9-4.2) | 6.3 | (5.0-7.5) | 1.0 | (0.6-1.3) |
| Vermont | 3.6 | (2.8-4.3) | 6.2 | (4.9-7.5) | 1.1 | (0.4-1.8) |
| Washington | 3.7 | (3.2-4.3) | 6.8 | (5.8-7.8) | 0.6 | |
| Wisconsin | 3.7 | (2.7-4.7) | 6.6 | (4.7-8.4) | | (0.3-0.8) |
| Texas | 3.8 | (3.1-4.5) | 6.7 | | 0.9 | (0.3-1.5) |
| Colorado | 3.9 | (3.3-4.5) | | (5.4-8.0) | 0.9 | (0.6-1.2) |
| Louisiana | 3.9 | | 7.2 | (6.0-8.4) | 0.6 | (0.3-0.9) |
| | | (3.3-4.6) | 7.0 | (5.7-8.2) | 1.2 | (0.7-1.6) |
| Minnesota | 3.9 | (3.0-4.9) | 7.1 | (5.3-8.9) | 0.8 | (0.4-1.3) |
| Oregon | 3.9 | (2.8-4.9) | 7.2 | (5.2-9.2) | 0.6 | (0.2-1.0) |
| Ohio | 4.1 | (3.4-4.8) | 7.7 | (6.3-9.0) | 0.8 | (0.4-1.1) |
| New Mexico | 4.2 | (3.3-5.1) | 7.9 | (6.2-9.7) | 0.6 | (0.3-0.9) |
| North Carolina | 4.3 | (3.6-5.0) | 7.5 | (6.2-8.8) | 1.3 | (1.0-1.6) |
| owa | 4.5 | (3.7-5.4) | 8.9 | (7.2-10.5) | 0.4 | (0.2-0.6) |
| ndiana | 4.6 | (3.9-5.4) | 8.5 | (7.1-10.0) | 0.9 | (0.6-1.3) |
| Virginia | 4.6 | (3.3-6.0) | 8.6 | (5.9-11.3) | 0.9 | (0.5-1.3) |
| Georgia | 4.7 | (3.9-5.5) | 7.8 | (6.2-9.4) | 1.7 | (1.2-2.2) |
| Nebraska | 4.7 | (4.1-5.4) | 9.1 | (7.8-10.3) | 0.6 | (0.4-0.8) |
| South Carolina | 4.7 | (3.9-5.6) | 8.4 | (6.7–10.0) | 1.4 | (0.9-1.9) |
| Tennessee | 4.9 | (4.0-5.8) | 8.5 | (6.8–10.2) | | |
| Pennsylvania | 5.0 | (4.2-5.8) | 9.7 | (8.1–11.3) | 1.6 | (0.9-2.3) |
| Missouri | 5.4 | (4.3-6.5) | 10.4 | | 0.7 | (0.4-1.0) |
| daho | 5.7 | | | (8.1–12.6) | 0.7 | (0.3-1.1) |
| Alaska | 5.8 | (4.6-6.7) | 10.5 | (8.5-12.6) | 0.8 | (0.4-1.2) |
| Kansas | | (4.5-7.0) | 8.9 | (6.7-11.1) | 2.5 | (1.3-3.6) |
| | 5.9 | (5.3-6.4) | 10.8 | (9.8-11.8) | 1.1 | (0.9-1.3) |
| South Dakota | 6.2 | (5.3-7.2) | 11.9 | (10.0-13.7) | 0.7 | (0.4-1.1) |
| Alabama | 6.6 | (5.5-7.7) | 11.8 | (9.7-13.9) | 1.9 | (1,3-2.5) |
| North Dakota | 6.6 | (5.3-7.8) | 11.4 | (9.1-13.6) | 1.8 | (0.8-2.8) |
| Kentucky | 6.7 | (5.7-7.7) | 12.4 | (10.4-14.4) | 1.3 | (0.8-1.8) |
| Oklahoma | 7.3 | (6.3-8.2) | 13,9 | (12.0-15.7) | 1.0 | (0.6-1.4) |
| Arkansas | 7.4 | (6.0-8.8) | 13.9 | (11.1-16.7) | 1.3 | (0.7-1.9) |
| Montana | 7.4 | (6.4-8.5) | 13.4 | (11.4-15.4) | 1.5 | (1.0-2.1) |
| Mississippi | 7.5 | (6.7-8.3) | 13.1 | (11.5–14.6) | 2.4 | (1.9-2.8) |
| West Virginia | 8.5 | (7.3-9.7) | 17.1 | (14.8-19.4) | 0.4 | (0.1-0.6) |
| Wyoming | 9.1 | (7.8–10.4) | 16.9 | (14.6–19.3) | 1.2 | (0.6-1.7) |
| U.S. Virgin Islands | 0.8 | (0.4-1.1) | 0.8 | (0.2-1.4) | 0.7 | (0.2-1.2) |
| Puerto Rico | 1.4 | (0.6-2.2) | 2.2 | (0.5-3.8) | 0.7 | (0.3-1.2) |
| Guam | 4.1 | (2.7-5.6) | 5.6 | (3.1-8.1) | 2.6 | (1.2-4.0) |

⁴ Persons aged ≥18 years who reported currently using chewing tobacco, snuff, or snus (a small pouch of smokeless tobacco) every day or some days.

† Confidence interval.

DC (1.5%), Massachusetts (1.5%), and Rhode Island (1.5%) (Table 2). Among U.S. territories, the prevalence of smokeless tobacco was 0.8% in USVI, 1.4% in Puerto Rico, and 4.1% in Guam. Smokeless tobacco use prevalence among men in the 50 states and DC ranged from 2.0% (DC) to 17.1% (West Virginia) and smokeless tobacco use among men was significantly higher than among women in all 50 states. Among the 50 states and DC, smokeless tobacco use was most common among persons aged 18-24 years (range: 1.0% [Nevada] to 17.4% [Wyoming]). Smokeless tobacco use tended to decrease with increasing education (adults with less than a high school education, range: 0.6% [California] to 14.2% [Alaska]); adults with a high school education, range: 1.6% [Connecticut] to 10.8% [Wyoming]; adults with some college, range: 0.4% [DC] to 7.7% [West Virginia]; and among adults with at least a college degree, range: 0.9% [New York] to 6.1% [South Dakota]). Nearly one quarter (23.4%) of men in Wyoming who smoke cigarettes and one fifth (20.8%) of men in Arkansas who smoke cigarettes reported also using smokeless tobacco (Table 3).

Among the 25% of states in which cigarette smoking prevalence was greatest (n = 13), seven also had the highest prevalence of smokeless tobacco use: Alabama, Alaska, Arkansas, Kentucky, Mississippi, Oklahoma, and West Virginia (Figure). In these states, at least one of every nine men who smoked cigarettes also reported using smokeless tobacco (range: 11.8% [Kentucky] to 20.8% [Arkansas]) (Table 3).

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Editorial Note

Healthy People 2010 calls for reductions in adult cigarette smoking to 12% and adult smokeless (spit) tobacco use to 0.4%. This report indicates that states vary substantially in prevalence of cigarette smoking and smokeless tobacco use. Utah, Puerto Rico, and USVI have met the Healthy People 2010 target for adult cigarette smoking, and California (12.9%) is close to meeting the target, but the only state or U.S.

Current cigarette smoking and smokeless tobacco use prevalence varies state-to-state, and by age, sex, and education

What is added by this report?

In 2009, cigarette smoking prevalence among adults in the United States and territories varied from 6.4% in the U.S. Virgin Islands (USVI) to 25.6% in Kentucky and West Virginia, and smokeless tobacco use, which ranged from 0.8% in USVI to 9.1% in Wyoming, was more frequently reported by men, young adults aged 18–24 years, adults with a high school education or less, and adults in states with high smoking prevalence.

What are the implications for public health practice?

Health-care providers, including dentists and dental hygienists, should encourage and assist their patients in quitting all forms of tobacco use, and comprehensive tobacco control measures that reduce tobacco use prevalence should be implemented in all states.

territory close to meeting the target for smokeless tobacco use is USVI (0.8%). Neither cigarette nor smokeless tobacco use has declined during the past few years in the United States (3,4), and with the possible exception of cigarette smoking in California, the *Healthy People 2010* targets for adult cigarette smoking and adult smokeless tobacco use are unlikely to be reached by any additional states during 2010.

This is the first report on smokeless tobacco use to include state-specific data for all 50 states, DC, USVI. Puerto Rico, and Guam from BRFSS. These data suggest that smokeless tobacco use is predominantly a public health problem among men, young adults, and persons with lower education, and in certain states. Nationally, in 2005, the prevalence of smokeless tobacco use was 3.1% among adults aged 18-24 years, 3.0% among adults aged 25-44 years, 1.4% among adults aged 45-64 years, and 1.6% among adults aged ≥65 years. Additionally, the national prevalence of smokeless tobacco use was 2.5% for adults with less than a high school education 3.0% for adults with a high school education, and 1.6% for adults with at least some college education.** Other national reports support BRFSS findings of higher use among these demographic groups (4), and indicate that smokeless tobacco use has increased. For example,

What is already known on this topic?

Healthy People 2010 objective 27-1: reduce tobacco use by adults. Available at http://www.healthypeople.gov/document/pdf/volume2/27tobacco.pdf.

^{**} Additional data from the 2005 National Health Interview Survey are available from the National Center for Health Statistics, CDC, at http://www.cdc.gov/nchs/nhis.htm.

TABLE 3. Percentage of current cigarette smokers* who also currently use smokeless to bacco, † by state/area — Behavioral Risk Surveillance System, United States, 2009

| | | Total | | Men | W | omen |
|--|------|------------------------|------|-------------------------|-----|------------|
| State/Area | % | (95% CI ⁵) | % | (95% CI) | % | (95% CI) |
| Delaware | 2.9 | (1.3-4.6) | 4.8 | (1.7-7.9) | 0.8 | (0.1-1.5) |
| District of Columbia | 3.0 | (0.8-5.2) | 4.2 | (0.4-8.1) | 1.8 | (0.0-4.2) |
| Rhode Island | 3.0 | (1.9-4.2) | 3.8 | (1.7-5.8) | 2.3 | (1.1-3.5) |
| California | 3.2 | (2.0-4.4) | 4.7 | (2.8-6.6) | 0.9 | (0.1-1.7) |
| Maryland | 3.6 | (2.0-5.2) | 3.5 | (1.3-5.8) | 3.7 | (1.4-6.1) |
| Massachusetts | 4.1 | (2.4-5.8) | 6.1 | (3.0-9.3) | 1.9 | (0.9-3.0) |
| New Jersey | 4.4 | (2.2-6.5) | 6.9 | (3.0-10.9) | 1.4 | (0.6-2.1) |
| Maine | 4.7 | (3.1-6.2) | 5.4 | (3.0-7.7) | 3.9 | (1.9-5.9) |
| Louisiana | 4.8 | (3.1-6.5) | 7.2 | (4.3-10.2) | 1.8 | (0.6-3.1) |
| Ilinois | 5.2 | (3.2-7.2) | 7.3 | (3.8-10.8) | 2.7 | (1.4-4.0) |
| Vevada | 5.2 | (2.2-8.2) | 6.7 | (1.7-11.8) | 3.6 | (0.7-6.5) |
| New York | 5.2 | (2.8-7.5) | 8.3 | (3.8-12.8) | 1.9 | (0.9-2.8) |
| Arizona | 5.7 | (1.9-9.5) | 9.2 | (2.6-15.9) | 1.4 | (0.3-2.4) |
| Hawaii | 5.7 | (3.1-8.3) | 7.7 | (3.4–12.0) | 3.3 | (0.8-5.7) |
| Connecticut | 5.8 | (3.1-8.5) | 9.7 | (4.6–14.8) | 1.8 | |
| Colorado | 6.1 | (4.1-8.1) | 9.2 | (5.8–12.6) | 1.9 | (0.4-3.2) |
| Wisconsin | 6.1 | (3.0-9.2) | 8.7 | (3.5–13.9) | 3.2 | |
| Georgia | 6.4 | (4.2-8.6) | 9.3 | (5.5-13.1) | 2.8 | (0,4-5.9) |
| Ohio | 6.5 | (4.6-8.4) | 11.0 | (7.5–14.6) | | (1.2-4.3) |
| Tennessee | 6.5 | (4.0-9.0) | 9.9 | | 1.9 | (0.9-3.0) |
| North Carolina | 6.6 | (4.5-8.7) | 10.2 | (5.7-14.2) | 2.4 | (0.0-4.8) |
| Florida | 6.7 | (4.3-9.1) | 11.6 | (6.6–13.7) | 2.3 | (1.0-3.6) |
| New Mexico | 6.8 | (4.6-9.0) | | (7.1-16.1) | 1.6 | (0.6-2.6) |
| Nebraska | 6.9 | | 10.6 | (6.8-14.5) | 2.3 | (1.0-3.5) |
| Missouri | 7.0 | (4.6-9.2) | 10.9 | (6.8-15.1) | 2.1 | (1.2-3.0) |
| South Carolina | 7.0 | (3.7-10.3) | 12.2 | (6.1–18.3) | 1.7 | (0.4-3.0) |
| Pennsylvania | | (4.5-9.4) | 11.1 | (6.7-15.6) | 2.7 | (0.8-4.6) |
| | 7.1 | (4.7-9.4) | 11.5 | (7.1-15.9) | 2.4 | (1.3-3.6) |
| Kansas Kentucky | 7.5 | (5.8-9.1) | 12.6 | (9.6-15.7) | 2.1 | (1.4-2.9) |
| and the same of th | 7.7 | (5.6-9.7) | 11.8 | (8.2-15.5) | 3.4 | (1.6-5.2) |
| Washington | 7.8 | (6.1-9.6) | 12.9 | (9.8-16.0) | 2.0 | (1.0-3.1) |
| ndiana | 8.0 | (5.8-10.2) | 12.5 | (8.6-16.4) | 3.0 | (1.6-4.4) |
| Vermont | 8.1 | (5.4-10.8) | 11.4 | (7.5-15.3) | 4.1 | (0.5-7.7) |
| owa | 8.3 | (5.3-11.3) | 14.3 | (9.2-19.5) | 0.6 | (0.0-1.4) |
| West Virginia | 8.3 | (5.6-10.9) | 15.7 | (10.8-20.5) | 0.2 | (0.0-0.4) |
| Texas | 8.4 | (5.7-11.1) | 11.5 | (7.2-15.9) | 3.4 | (1.8-5.1) |
| Mississippi | 8.5 | (6.6-10.4) | 12.8 | (9.6-16.1) | 3.0 | (1.8-4.3) |
| Oregon | 8.7 | (4.6-12.9) | 15.0 | (7.4-22.6) | 2.2 | (0.3-4.2) |
| South Dakota | 8.7 | (5.7-11.7) | 15.7 | (9.9-21.6) | 2.3 | (0.9-3.7) |
| Alaska | 8.8 | (5.6-11.9) | 12.9 | (7.5-18.3) | 4.3 | (1.4-7.2) |
| New Hampshire | 9.2 | (5.4-12.9) | 12.5 | (6.5-18.5) | 5,3 | (1.3-9.4) |
| Oklahoma | 9.2 | (7.0-11.4) | 14.8 | (10.8-18.7) | 3.2 | (1.7-4.8) |
| daho | 9.6 | (6.5-12.8) | 14.2 | (9.1-19.3) | 3.5 | (1.1-6.0) |
| Alabama | 9.8 | (6.7-12.9) | 15.5 | (10.1-20.8) | 3.1 | (1.0-5.2) |
| Michigan | 9.9 | (7.5-12.3) | 15.5 | (11.4-19.6) | 3.9 | (2.1-5.7) |
| Vlinnesota | 10.5 | (6.5-14.5) | 15.9 | (9.1-22.6) | 3.9 | (1.3-6.6) |
| /irginia | 10.5 | (4.1-16.8) | 16.3 | (5.8-26.9) [¶] | 2.6 | (0.6-4.5) |
| Jtah | 10.9 | (7.4-14.4) | 16.3 | (10.8-21.9) | 2.5 | (0.7-4.4) |
| Arkansas | 11.7 | (8.1-15.4) | 20.8 | (13.9-27.7) | 3.6 | (1.4-5.9) |
| North Dakota | 11.8 | (7.4-16.1) | 18.3 | (10.8-25.8) | 4.7 | (1.6-7.8) |
| Montana | 12.1 | (8.9-15.4) | 16.8 | (11.1-22.5) | 7.8 | (4.7–10.8) |
| Wyoming | 13.7 | (9.8-17.6) | 23.4 | (16.6–30.2) | 3.7 | (1.5-5.8) |
| Puerto Rico | 0.9 | (0.0-2.2) | 1.5 | (0.0-3.6) | 0.0 | |
| Guam | 3.2 | (0.2-6.1) | 4.4 | (0.0-8.8) | 0.8 | (0.0-2.4) |
| U.S. Virgin Islands | 4.2 | (0.5-7.9) | 3.5 | (0.0-8.1) | 5.1 | (0.0-11.1) |

^{*} Persons aged ≥18 years who reported having smoked ≥100 cigarettes during their life and currently smoke every day or some days.

† Persons aged ≥18 years who reported currently using chewing tobacco, snuff, or snus (a small pouch of smokeless tobacco) every day or some days.

Confidence interval.

^{*}Confidence interval half-width > 10, which might indicate an unreliable estimate.

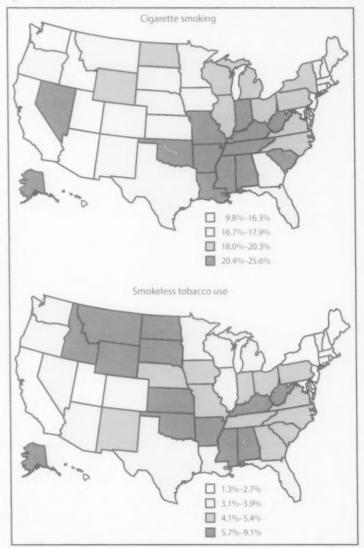
among men aged 18–25 years in the United States smokeless tobacco use increased from 3.1% in 2002 to 3.7% in 2007 (4). Prevalence of smokeless tobacco use among men in some states, such as West Virginia (17.1%) and Wyoming (16.9%), has nearly reached the national level of smoking prevalence among all adults (20.8%) (3).

Within states, up to 23.4% (Wyoming) of cigarette smoking men also use smokeless tobacco. Research suggests that persons who use multiple tobacco products might have a more difficult time quitting, which might result in longer durations of product use and an increased likelihood of experiencing tobacco-related morbidity and mortality (5,6). Other reports also have found that young men have a high prevalence of cigarette smoking and smokeless tobacco use in the United States and that smokeless tobacco might be a starter product for cigarette smoking among young men (6,7). However, BRFSS data do not assess age of initiation for cigarette smoking or smokeless tobacco use, and the order of when these products were first used cannot be determined.

Recent tobacco industry advertising has encouraged cigarette smokers to use smokeless tobacco as an alternative product in locations where cigarette smoking is not permitted (e.g., smoke-free workplaces, airlines, and theaters) (8). Continued surveillance of the co-use of tobacco products is needed to determine the effect of such marketing messages and the reasons for the high prevalence of smokeless tobacco use among cigarette smokers in some states. Antitobacco media messages, policies, and other interventions that prevent initiation and encourage cessation of both products also are needed, particularly in states with a high prevalence of smokeless tobacco use and cigarette smoking.

The findings in this report are subject to at least three limitations. First, BRFSS does not include adults without telephone service (1.7%) or with wireless-only service (24.5%), and adults with wireless-only service are twice as likely to smoke cigarettes as the rest of the U.S. population (9). Because wireless-only service varies by state (9), these data likely underestimate the actual prevalence of cigarette smoking in some states and might underestimate smokeless tobacco use. Second, estimates for current smoking and smokeless tobacco use prevalence are based on self-report and were not validated with biochemical tests. Self-reported current cigarette smoking status has been demonstrated to have a high validity (10),

FIGURE. Prevalence of current cigarette smoking* and smokeless tobacco use[†] among adults aged ≥18 years, by state — Behavioral Risk Factor Surveillance System, United States, 2009



* Persons who reported having smoked ≥100 cigarettes during their life and currently smoke every day.

† Persons who reported currently using chewing tobacco, snuff, or snus (a small pouch of smokeless tobacco) every day or some days.

but the validity of self-reported smokeless tobacco use has not been evaluated. Finally, the median response rate for 2009 was 52.5%. Lower response rates in surveys increase the potential for bias; however, national estimates from state-aggregated BRFSS data have been shown to be comparable to smoking estimates from other surveys with higher response rates (10).

The findings in this report underscore the importance of assessing cigarette smoking, as well as the use of other tobacco products, including smokeless tobacco, among U.S. adults by state. Several states were identified with high prevalence of both cigarette smoking and smokeless tobacco use. Additionally, co-use of smokeless tobacco among men who smoke cigarettes, a behavior that might hinder successful smoking cessation (5,6), was common in several states.

Public Health Service guidelines recommend the use of both medication and counseling to help cigarette smokers in quitting.†† These guidelines note that dentists and dental hygienists also can be effective in identifying smokeless tobacco use and advising users to quit. To promote cessation among tobacco users, health-care providers, including dentists and dental hygienists, should 1) ask their patients about all forms of tobacco use, 2) advise them to quit using all forms of tobacco, 3) assess their willingness to quit, 4) assist them in quitting, and 5) arrange for follow-up contacts. This approach, in combination with comprehensive tobacco control measures, as recommended by the WHOSS and CDC's Community Guide to Preventive Services that address all forms of tobacco, including raising excise taxes on cigarettes and all other tobacco products, can help to prevent tobacco-related deaths.

Acknowledgments

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Specific WHO recommendations are available at http://whqlibdoc. who.int/publications/2009/9789241563918_eng_full.pdf.

^{**} CDC's Guide to Community Preventive Services reviews the effectiveness of interventions to reduce or prevent tobacco use and is available at http://www.thecommunityguide.org/tobacco.

Evaluation of Acute Hepatitis C Infection Surveillance — United States, 2008

Hepatitis C virus (HCV) infection affects nearly 4 million persons and causes an estimated 12,000 deaths each year in the United States (1). For the 10-year period from 2010 to 2019, the direct medical cost of chronic HCV infection is projected to exceed \$10.7 billion, the societal cost of premature mortality attributed to HCV infection is projected to be \$54.2 billion, and the cost of morbidity from disability associated with HCV infection is projected to be \$21.3 billion (2). The Institute of Medicine recently recommended a comprehensive evaluation of the national hepatitis B and C surveillance system (3). Complete and timely surveillance data are essential for early identification and response to outbreaks and for implementation of evidence-based prevention strategies. To assess these attributes, CDC compared acute hepatitis C surveillance data reported in 2008 from the National Notifiable Diseases Surveillance System (NNDSS) and the Emerging Infections Program (EIP), which conducts enhanced surveillance for acute hepatitis C in selected states. This report summarizes the results of that analysis, which indicated that 26 (22%) of 120 cases reported from EIP-funded sites were missing from NNDSS. Data on race and major HCV risk factors were missing from 22% and 60% of reports in NNDSS, compared with 8% and 25% of reports in EIP, respectively. The mean duration between diagnosis and reporting of the case to the state health department was 30 days (range: 0-298 days) in NNDSS compared with 19 days (range: 0-350 days) in EIP sites. These findings underscore that enhanced surveillance for acute hepatitis C improves the completeness and timeliness of the data.

Reporting of Acute Hepatitis C Cases Through NNDSS

Health-care providers, hospitals, and laboratories are required to send reports of cases of HCV infection to state and local health departments that include them within their jurisdiction. Reports meeting the Council of State and Territorial Epidemiologists (CSTE) and CDC case definition for acute hepatitis C* are

*Available at http://www.cdc.gov/ncphi/disss/nndss/casedef/ hepatitiscacutecurrent.htm.

entered into each state's notifiable disease surveillance system. States voluntarily transmit case reports to CDC on a weekly basis via the National Electronic Telecommunications System for Surveillance (NETSS).† NETSS is a system of computerized record formats used to transmit NNDSS data from health departments to CDC. The NETSS case reporting form includes data on demographics (e.g., age, date of birth, sex, race, and ethnicity), clinical information (e.g., date of onset, date of diagnosis, jaundice, hospitalization, and death), and risk factor exposures occurring 6 weeks to 6 months before illness onset (e.g., injection-drug use, sexual/household contact with a person with hepatitis, blood transfusion with dates of transfusion, dialysis, needle stick, tattoo, surgery, acupuncture, and being a health-care worker who has contact with human blood). Laboratory results are not transmitted to CDC because the electronic infrastructure in NETSS does not include fields for laboratory findings.

Reporting of Acute Hepatitis C Cases Through EIP Sites

EIP hepatitis surveillance collects more extensive information compared with NETSS. In addition to demographics, the EIP form includes clinical data (e.g., date of diagnosis, symptoms, jaundice, hospitalization, pregnancy, death from hepatitis, liver function tests, hepatitis laboratory test results, and reason for testing) and risk factor exposures occurring 2 weeks to 6 months before illness onset (i.e., contact with a person with hepatitis and the type of contact, number of male and female sex partners, previous history of treatment for sexually transmitted diseases, use of illicit drugs [both injection and noninjection], hemodialysis, injury with sharp object contaminated with blood, blood/blood products transfusion with dates of transfusion, receipt of intravenous infusions and/ or injections in outpatient settings, exposure to blood, medical/dental/public safety worker employment with frequency of exposure to blood, presence of tattoo/

⁷ Additional information available at http://www.cdc.gov/ncphi/disss/nndss/netss.htm.

Additional information available at http://www.cdc.gov/ncpdcid/ deiss/eip/index.html.

piercing and location where they were performed, dental work/surgery, hospitalization, residence in a long-term—care facility, and incarceration). In 2008, six EIP sites (Connecticut, Colorado, Minnesota, Oregon, 34 counties in New York State, and New York City) were funded by CDC to conduct enhanced acute hepatitis C surveillance. The catchment area of these sites comprises approximately 28 million persons. Site staff members investigate physician and laboratory reports submitted to health departments and directly contact the health-care providers to complete the demographic, clinical, and risk factor information listed in the EIP case reporting form; reports that fulfill the acute HCV infection case definition are sent monthly to CDC.

Comparison of NNDSS and EIP Surveillance

Cases reported to NNDSS and EIP were matched by a common case identifier and date of birth. CDC evaluated data quality by measuring the completeness of information on demographic and clinical variables, including age, sex, race, ethnicity, jaundice, and major HCV infection risk factors, in both NNDSS and EIP systems. Sensitivity and positive predictive value of NNDSS for reporting acute hepatitis C cases were calculated for the sites conducting both NNDSS and EIP surveillance by using EIP sites' surveillance as the reference. Timeliness of case reporting was based on calculating the interval between the date of diagnosis and the date of reporting of the case to the state health department.

In 2008, a total of 877 cases of acute hepatitis C were reported to CDC by NNDSS via NETSS from 40 states. A total of 120 cases were reported from the six EIP sites; in comparison, 102 cases were reported from NNDSS in states that also are funded for EIP. Although age and sex data were nearly complete in NNDSS and EIP sites, race and ethnicity were missing in 22% and 41% of reports in NNDSS, compared with 8% and 21% in EIP, respectively. Completeness of demographic information for cases of acute hepatitis C in NNDSS was substantially higher in the six sites that also have an EIP surveillance system in place, compared with the remaining states that are not funded for enhanced surveillance (Table 1). Presence or absence of jaundice was reported in 63% of cases from NNDSS and 98% of cases reported from EIP. Completeness of information on major HCV infection risk factors ranged from 15% to 46% for

NNDSS, compared with 70% to 77% in EIP sites. Completeness of clinical and risk factor indicators did not differ substantially in NNDSS when comparing states that have EIP surveillance to those that are not part of EIP.

Comparison of the cases that were reported from NNDSS and in the six sites funded for EIP surveillance revealed that 26 cases reported in EIP were missing from NNDSS; however, only eight cases that were reported to NNDSS were not reported to EIP (Table 2). Considering EIP as the reference, sensitivity and positive predictive value of NNDSS were 78% (94 of 120) and 92% (94 of 102), respectively.

Complete information on both the date of acute hepatitis C diagnosis and date of case reporting to the state health department was available for 39 cases (4%) in NNDSS and 72 cases (60%) in EIP sites. The mean duration between diagnosis and reporting of the cases to the state health department was 30 days (range: 0–298 days) in NNDSS, with 74% and 77% of the cases being reported within 7 days and 1 month of diagnosis, respectively. Among EIP sites, the mean duration between diagnosis and reporting of the cases to the state health department was 19 days (range: 0–350 days), with 80% and 94% of the cases being reported within 7 days and 1 month of diagnosis, respectively.

Reported by

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Editorial Note

The findings in this report show that the quality of data from NNDSS is not on par with data reported from EIP surveillance sites. Clinical and risk factor information for a substantial proportion of the cases was missing from NNDSS. As shown in previous studies, NNDSS had a substantial proportion of cases with missing data on race and ethnicity (4,5). Hepatitis C disproportionately affects non-Hispanic blacks compared with persons of other races (1). Therefore, surveillance data should include race and ethnicity information to reduce disparities through targeted prevention programs (4). In addition, because of limited resources, several states are not able to handle the volume of laboratory case reports received, which affects timeliness of reporting. In 2009, a total of 27 jurisdictions had backlogs of HCV data, with

TABLE 1. Number and percentage of reported acute hepatitis C cases with complete information for selected indicators — National Notifiable Diseases Surveillance System (NNDSS) and Emerging Infections Program (EIP) surveillance sites,* United States, 2008

| | | | NN | DSS | | | | |
|--|-----|-------|-------|----------|-----|-------|-----|-------|
| | All | sites | Non-E | IP sites | EIP | sites | EIP | |
| Indicator | No. | (%) | No. | (%) | No. | (%) | No. | (%) |
| Total | 877 | (100) | 775 | (100) | 102 | (100) | 120 | (100) |
| Demographic | | | | | | | | |
| Age | 870 | (99) | 768 | (99) | 102 | (100) | 120 | (100) |
| Sex | 860 | (98) | 760 | (98) | 100 | (98) | 120 | (100) |
| Race | 685 | (78) | 593 | (76) | 92 | (90) | 110 | (92) |
| Ethnicity | 518 | (59) | 442 | (57) | 76 | (74) | 95 | (79) |
| Clinical† | | | | | | | 22 | (1-2) |
| Jaundice | 549 | (63) | 483 | (62) | 66 | (64) | 118 | (98) |
| Risk factor† | | | | 1-27 | | 10-17 | 110 | (20) |
| Injection-drug use | 403 | (46) | 358 | (46) | 45 | (44) | 92 | (77) |
| Blood transfusion | 376 | (43) | 318 | (41) | 58 | (57) | 90 | (75) |
| Contact with a person infected with hepatitis C virus | 134 | (15) | 92 | (12) | 42 | (41) | 92 | (77) |
| Needle stick injury | 320 | (36) | 291 | (37) | 29 | (28) | 84 | (70) |

^{*} EIP sites conducting acute hepatitis C surveillance in 2008: Connecticut, Colorado, Minnesota, Oregon, 34 counties in New York state, and New York City.

TABLE 2. Number of reported acute hepatitis C cases — National Notifiable Diseases Surveillance System (NNDSS) and Emerging Infections Program (EIP) surveillance sites,** United States, 2008

| | EIP | | | | | | | | | |
|--------------------|------------------|--------------------|-------|--|--|--|--|--|--|--|
| NNDSS | Cases reported | Cases not reported | Total | | | | | | | |
| Cases reported | 945 | 84 | 102** | | | | | | | |
| Cases not reported | 26 ^{††} | Unknown | _ | | | | | | | |
| Total | 12099 | - | - | | | | | | | |

Obtained by matching cases using a common case identifier and date of birth.

an average of 6,200 reports that needed to be entered (3). Accurate, timely, and complete surveillance data are needed to identify and respond to outbreaks in a timely fashion, to guide and evaluate prevention strategies, and to allow for the early initiation of treatment, leading to an ultimate decrease in health-care costs.

Health departments using EIP enhanced surveillance have shown its effectiveness in identifying clusters or outbreaks of hepatitis C infection. For example, the New York State Department of Health detected a cluster of 20 hepatitis C infections among young injection-drug users by conducting enhanced surveillance of HCV infections reported among persons aged <30 years (6). Similarly, EIP enhanced

surveillance of acute hepatitis C infections allowed the identification of health-care—associated acute hepatitis C outbreaks.

Early identification of acute hepatitis C infection is essential to prevent chronic infections and subsequent liver cancer and associated health-care costs. In fact, early treatment of hepatitis C prevents chronic disease in more than 90% of persons treated during the acute phase of the infection (7.8) and more than doubles the chance of achieving a sustained virologic response (absence of HCV RNA 24 weeks after discontinuation of therapy reflecting absence of viremia and normal liver function), compared with that achievable by treating chronic hepatitis C infection (9). The rate of achieving a sustained virologic response is inversely associated with time from acute HCV infection diagnosis (9). In addition, early treatment contributes to lower health-care costs compared with later treatment (8).

The findings in this report are subject to at least four limitations. First, the data for timeliness calculation were missing from the majority of NNDSS cases, and this might have led to an overestimation of timeliness in NNDSS. Second, estimates of timeliness would have been improved if CDC had been able to assess the duration between diagnosis and reporting to the local rather than the state health department. However, this information was not available from NETSS. Third, the states where enhanced reporting of acute hepatitis C was implemented were not selected at random; consequently, the observed differences

Numbers and percentages indicate cases for which a response ("yes" or "no") for the selected indicator was available.

[†] EIP sites conducting acute hepatitis C surveillance in 2008: Connecticut, Colorado, Minnesota, Oregon, 34 counties in New York state. and New York City.

State, and New York City.

Cases identified in NNDSS only.

^{**} Total cases reported in NNDSS from the six EIP sites.

^{††} Cases identified in EIP only.

^{§§} Total cases reported from the six EIP sites.

What is already known on this topic?

Hepatitis C is a major public health problem in the United States and contributes to increased health-care costs. Complete and timely surveillance data for hepatitis C infections lead to a timely identification and response to outbreaks, help guide and evaluate prevention strategies, and enable early initiation of treatment, leading to an ultimate decrease in health-care costs.

What is added by this report?

Reporting of acute hepatitis C in routine national surveillance missed approximately 22% of cases reported by sites funded through the Emerging Infections Program. In addition, 60% of the cases in the National Notifiable Diseases Surveillance System lacked information about hepatitis C risk factors.

What are the implications for public health practice?

Availability of a nationwide enhanced acute hepatitis C surveillance system improves case detection as well as completeness and timeliness of acute hepatitis C data. This is essential for a timely public health action and early initiation of treatment, both of which contribute to the prevention of advanced liver disease and a decrease in associated health-care costs.

between the performances of the NNDSS and EIP surveillance systems might not all be attributable to differences between the surveillance systems themselves. Finally, this report could not assess the proportion of missed diagnoses of acute HCV infections at the provider level, which would contribute to underreporting of cases to both NNDSS and EIP.

The comparison of NNDSS (a passive surveillance system) with EIP (an enhanced surveillance system) indicates that accuracy and timeliness of reporting for acute HCV infections were improved through enhanced surveillance. Expanding enhanced surveillance for acute hepatitis C to the national level would detect an estimated additional 22% of acute hepatitis C cases. However, because of budget constraints, enhanced surveillance for acute HCV infections is not implemented nationwide.

The Institute of Medicine report recommended a surveillance system comparable to that of human immunodeficiency virus (HIV) surveillance (3). HCV and HIV infections are similar in that many of the cases are asymptomatic and early identification and initiation of treatment would prevent transmission,

complications, and deaths. However, although HIV case ascertainment requires a single laboratory test, ascertainment of a single case of acute HCV infection requires an average of four laboratory reports (10). Based on the findings described in this report, additional resources for acute hepatitis C surveillance could enhance substantially the quality of the data on which prevention interventions are based, and in turn, could reduce morbidity and mortality associated with HCV infection. Nonetheless, a cost-benefit analysis to assess the usefulness of implementing EIP enhanced surveillance for acute hepatitis C at the national level is needed.

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This report is based, in part, on contributions by state and territorial health departments and EIP sites conducting enhanced hepatitis surveillance.

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Cholera Outbreak — Haiti, October 2010

On October 28, this report was posted as an MMWR Dispatch on the MMWR website (http://www.cdc.gov/mmwr).

An outbreak of cholera is ongoing in Haiti. On October 21, 2010, toxigenic *Vibrio cholerae* O1, serotype Ogawa, biotype El Tor was identified by the National Laboratory of Public Health of the Ministry of Public Health and Population in Haiti. Identification of the isolate was confirmed by CDC. Antimicrobial susceptibility testing of selected *V. cholerae* O1 isolates conducted at the National Laboratory of Public Health and at CDC demonstrated susceptibility to tetracycline (susceptibility to this drug predicts doxycycline susceptibility), ciprofloxacin, and kanamycin; and resistance to trimethoprim-sulfamethoxazole, furazolidone, nalidixic acid, sulfisoxazole, and streptomycin.

As of October 27, a total of 4,722 cholera cases with onset during October 21–27 and 303 deaths had been reported in Haiti (1). Most cases have been reported from Artibonite Department (1), a rural but densely settled area with several small urban centers. In addition, probable cases have been identified elsewhere in Haiti, including Ouest Department, where the capital city of Port-au-Prince is located.

Cholera is transmitted through fecal contamination of water or food and causes an acute, severe. watery diarrhea that can result in hypovolemic shock and death if not treated with fluid replacement promptly. Epidemic cholera has not been reported previously from Haiti; the population is immunologically naïve and therefore highly susceptible to infection with V. cholerae (2-4). The outbreak appears to have spread from an initial concentration of cases in Artibonite Department. An international public health response, led by the Ministry of Public Health and Population and including technical support from the Pan American Health Organization, CDC, and other governmental and nongovernmental organizations, is under way. The emphasis of the response is on 1) minimizing mortality by using oral rehydration for most cases and intravenous rehydration for severely ill patients and 2) preventing infection by promoting water treatment, adequate sanitation and hygiene, and safe food preparation (5).

No cases of cholera in travelers from Haiti to the United States have been reported to CDC. Cholera is notifiable in all U.S. states and territories. Clinicians should promptly report known or suspected cases of cholera to state or local health departments. Health departments that identify suspected or confirmed cases of cholera in travelers who have arrived recently from Haiti should e-mail CDC at eocreport@cdc. gov. The potential for spread in the United States is low because U.S. water, sanitation, and food systems minimize the risk for fecal contamination of food and water.

CDC has provided prevention and treatment guidance for travelers to and from Haiti online (available at http://wwwnc.cdc.gov/travel/default. aspx). Health departments, especially in areas with large Haitian populations that might be more likely to include recent travelers to Haiti, should consider providing cholera information to clinicians. Clinicians serving Haitian populations should be aware of the recommendations for diagnosis and treatment.

More information on cholera, including recommendations for treatment, laboratory testing, and scientific publications, is available at http://www.cdc.gov/cholera. Further information regarding the outbreak in Haiti is available at http://www.cdc.gov/haiticholera.

Reported by

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Notes from the Field

Malaria Imported from West Africa by Flight Crews — Florida and Pennsylvania, 2010

On September 15, 2010, CDC notified the Florida and Pennsylvania departments of health of four *Plasmodium falciparum*—associated malaria cases among employees of a single commercial airline. All four employees had traveled to Accra, Ghana, during August 25—September 2, 2010, two of whom were on the same flight. Their duration of stay in Accra ranged from 48 to 80 hours. All had stayed at the same hotel and spent time outdoors near the swimming pool, in restaurants without air conditioning, and in other locations during the evening and night.

Two cases were in female flight attendants aged 20-40 years, and two cases were in male pilots aged 40-60 years. All had fever, headache, nausea, vomiting, and diarrhea approximately 2 weeks after their most recent exposure in Accra. Three of the four received diagnoses of acute P. falciparum-associated malaria on the basis of trophozoites observed on microscopic examination of thin and thick blood films. Malaria was diagnosed for one patient by blood smear, but the species (P. falciparum) was determined by positive polymerase chain reaction. One flight attendant was hospitalized for treatment, recovered uneventfully, and was discharged after 2 days. The two pilots and the other flight attendant were severely ill, were hospitalized, and required intravenous treatment. Both pilots had respiratory distress and required intubation. All recovered and were discharged after 6-15 days with diagnoses of acute malaria infection and acute respiratory failure for the pilots.

None of the four airline workers had used antimalarial chemoprophylaxis, despite company-paid atovaquone-proguanil (Malarone, GlaxoSmithKline) being an element of this airline's malaria prevention strategy. All reported having used insect repellent most of the time. Accra is recognized as a high-risk area for malaria transmission (1). CDC advises travelers to West Africa, an area of intense transmission, to use chemoprophylaxis as well as to take measures to avoid mosquito bites, because even brief exposure can result in transmission (2). Travelers to malaria-endemic countries, even for brief periods, should be aware of the risk for malaria and of prevention measures that can be taken.

Reported by

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Announcement

World Pneumonia Day — November 12, 2010

Pneumonia kills more children than any other illness; among approximately 9 million children aged <5 years who die each year worldwide, 1.6 million die from pneumonia (1). Through the Global Action Plan for Prevention and Control of Pneumonia, the World Health Organization and international partners recommend that the global health burden of pneumonia be reduced by 1) using vaccines against organisms that cause pneumonia, 2) providing appropriate care and treatment for persons who contract pneumonia, and 3) promoting preventive measures such as exclusive breastfeeding of infants during their first 6 months of life (2).

Streptococcus pneumoniae (pneumococcus) and Haemophilus influenzae type b (Hib) account for approximately 60% of pneumonia deaths worldwide of children aged 1 month-5 years in countries that do not use pneumococcal or Hib conjugate vaccines (3.4). In the United States, pneumococcal and Hib conjugate vaccines are recommended for infants and children aged <2 years as part of the routine infant immunization schedule and have reduced morbidity and mortality from pneumococcal disease by 76% and from Hib disease by >99% among children aged <5 years (5,6). In 2010, a 13-valent pneumococcal conjugate vaccine was licensed and recommended in the United States. Collaborative international efforts are expanding use of these vaccines in developing countries (7).

Respiratory viruses, such as respiratory syncytial virus (RSV), influenza, and measles, also are major causes of pneumonia globally. In 2005, an estimated 33.8 million episodes of RSV-associated acute lower respiratory infection occurred in children aged <5 years worldwide (8). Recent studies suggest that 6%–10% of childhood pneumonia is associated with influenza (9,10). Use of influenza and measles vaccines, antiviral medications, and supportive health care can reduce the burden of pneumonia caused by these viruses.

To raise awareness of the effects of pneumonia globally, the second annual World Pneumonia Day, November 12, 2010, is being promoted by a coalition of more than 100 major health, humanitarian relief, advocacy, faith-based, government, and other organizations; CDC and UNICEF are providing technical assistance. Events are scheduled at CDC and elsewhere in the United States and other countries. Additional information is available at http://worldpneumoniaday.org.

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Announcement

Drowsy Driving Prevention Week — November 8–14, 2010

November 8–14 is Drowsy Driving Prevention Week. Driving while drowsy contributes annually to an estimated 100,000 motor vehicle crashes and approximately 1,500 deaths nationwide (1). The 2009 Sleep in America Poll reported that approximately 30% of respondents had driven drowsy at least once per month during the past year, and approximately 1% had a crash or near-crash because of driving while drowsy during that time (2).

Inadequate sleep impairs safe driving by reducing alertness and slowing reaction time (1). Groups at higher risk for sleep-related crashes include 1) bus, truck, and other commercial drivers; 2) shift workers; 3) persons with more than one job or irregular work hours; 4) persons with untreated sleep disorders (e.g., sleep apnea or narcolepsy); and 5) drivers aged ≤25 years (3).

Teens are more likely than older drivers to be sleep-deprived (4). Adults and teens need 7–9 hours and 8.5–9.25 hours of sleep per day, respectively. Additional information is available from the National Sleep Foundation (http://drowsydriving.org) and CDC (http://www.cdc.gov/sleep).

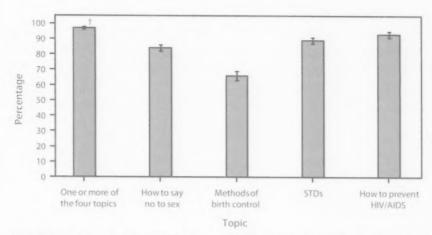
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FROM THE NATIONAL CENTER FOR HEALTH STATISTICS

Percentage of Persons Aged 15–19 Years Who Received Formal Sex Education* Before Age 18 Years, by Selected Topics — National Survey of Family Growth, United States, 2006–2008



Abbreviations: STDs = sexually transmitted diseases; HIV/AIDS = human immunodeficiency virus/acquired immunodeficiency syndrome.

* Based on responses to the question "Now I'm interested in knowing about formal sex education you may have had. Before you were 18, did you ever have/have you ever had any formal instruction at school, church, a community center, or some other place about: how to say no to sex, methods of birth control, sexually transmitted diseases, and how to prevent HIV/AIDS?"

† 95% confidence interval.

During 2006–2008, 97% of persons aged 15–19 years received formal sex education on one or more of four topics before they were age 18 years. The percentage who reported receiving formal sex education on methods of birth control (66%) was less than the percentage who received education on how to say no to sex (84%), STDs (89%), or how to prevent HIV/AIDS (93%).

Sources: CDC. National Survey of Family Growth, 2006–2008. Available at http://www.cdc.gov/nchs/nsfg/nsfg_2006_2008_puf.htm. CDC. Educating teenagers about sex in the United States: NCHS data brief, no 44. Available at http://www.cdc.gov/nchs/data/databriefs/db44.htm.

Notifiable Diseases and Mortality Tables

TABLE I. Provisional cases of infrequently reported notifiable diseases (<1,000 cases reported during the preceding year) — United States, week ending October 30, 2010 (43rd week)*

| | Current | Cum | 5-year weekly | | | ases re evious | ported years | | States reporting cases |
|--|---------|-------|------------------|--------|------|-------------------|-----------------|------|--|
| Disease | week | 2010 | average† | 2009 | 2008 | 2007 | 2006 | 2005 | during current week (No.) |
| Anthrax | | | | 1 | _ | 1 | 1 | | |
| otulism, total | 1 | 84 | 3 | 118 | 145 | 144 | 165 | 135 | |
| foodborne | | 6 | 0 | 10 | 17 | 32 | 20 | 19 | |
| infant | | 58 | 2 | 83 | 109 | 85 | 97 | 85 | |
| other (wound and unspecified) | 1 | 20 | 1 | 25 | 19 | 27 | 48 | 31 | CA (1) |
| Brucellosis | 2 | 101 | 2 | 115 | 80 | 131 | 121 | 120 | CA (2) |
| Chancroid | | 32 | 1 | 28 | 25 | 23 | 33 | 17 | |
| Cholera | 1 | 5 | 0 | 10 | 5 | 7 | 9 | 8 | HL(1) |
| Cyclosporiasis (| 1 | 151 | 1 | 141 | 139 | 93 | 137 | 543 | WA (1) |
| Diphtheria | | | | | | | , -, | 243 | *************************************** |
| Domestic arboviral diseases .: | | | | | | | | | |
| California serogroup virus disease | | 56 | 1 | 55 | 62 | 55 | 67 | 80 | |
| Eastern equine encephalitis virus disease | | 10 | , | 4 | 4 | 4 | 8 | 21 | |
| Powassan virus disease | | 5 | 0 | 6 | 2 | 7 | 1 | 1 | |
| St. Louis encephalitis virus disease | | 6 | 0 | | | | | | |
| Western equine encephalitis virus disease. | | 0 | 0 | 12 | 13 | 9 | 10 | 13 | |
| faemophilus influenzae.** invasive disease (age <5 yrs): | | | | | | | | | |
| serotype b | 1 | | | 20 | 20 | 2.7 | 200 | | |
| nonserotype b | | 14 | 0 | 35 | 30 | 22 | 29 | 9 | VA (1) |
| unknown serotype | 1 | 129 | 3 | 236 | 244 | 199 | 175 | 135 | OK (1) |
| fansen disease ⁵ | 1 | 200 | 3 | 178 | 163 | 180 | 179 | 217 | NY (1) |
| | 2 | 37 | 2 | 103 | 80 | 101 | 66 | 87 | FL (2) |
| fantavirus pulmonary syndrome" | | 16 | 0 | 20 | 18 | 32 | 40 | 26 | |
| demolytic uremic syndrome, postdiarrheal | 5 | 183 | 5 | 242 | 330 | 292 | 288 | 221 | NY (1), CA (4) |
| HV infection, pediatric (age <13 yrs) | | | 2 | - | - | | - | 380 | |
| nfluenza-associated pediatric mortality 5,55 | 1 | 57 | 4 | 358 | 90 | 77 | 43 | 45 | GA (1) |
| isteriosis Measles | 9 | 649 | 19 | 851 | 759 | 808 | 884 | 896 | NY (1), PA (1), FL (1), TN (1), CA (5) |
| | | 31 | 0 | 71 | 140 | 43 | 55 | 66 | |
| Meningococcal disease, invasive***: | | | | | | | | | |
| A, C, Y, and W-135 | 1 | 196 | 5 | 301 | 330 | 325 | 318 | 297 | TX (1) |
| serogroup B | 2 | 91 | 2 | 174 | 188 | 167 | 193 | 156 | OH (1), TX (1) |
| other serogroup | | 7 | 1 | 23 | 38 | 35 | 32 | 27 | |
| unknown serogroup | 5 | 309 | 9 | 482 | 616 | 550 | 651 | 765 | KY (1), TN (1), OR (1), CA (2) |
| Mumps | 7 | 2,418 | 17 | 1,991 | 454 | 800 | 6,584 | 314 | NYC (2), PA (1), OH (1), TX (3) |
| Novel influenza A virus infections | | 1 | 0 | 43,774 | 2 | 4 | NN | NN | |
| lague | - | 2 | 0 | 8 | 3 | 7 | 17 | 8 | |
| Poliomyelitis, paralytic | | | | 1 | | _ | | 1 | |
| Polio virus Infection, nonparalytic | | - | | | | | NN | NN | |
| sittacosis | | 4 | 0 | 9 | 8 | 12 | 21 | 16 | |
| 2 fever, total 9,559 | 1 | 98 | 3 | 114 | 120 | 171 | 169 | 136 | |
| acute | | 75 | 1 | 94 | 106 | | | | |
| chronic | 1 | 23 | 0 | 20 | 14 | | | | OH(1) |
| Rabies, human | | 1 | 0 | 4 | 2 | 1 | 3. | 2 | |
| Rubella | | 5 | 0 | 3 | 16 | 12 | 11 | 11 | |
| Rubella, congenital syndrome | | | | 2 | | | 1 | 1 | |
| SARS-CoV ⁸ **** | | | | | | | | | |
| smallpox ⁵ | | | | | | | | | |
| Streptococcal toxic-shock syndrome | 1 | 137 | 2 | 161 | 157 | 132 | 125 | 129 | VA (1) |
| Syphilis, congenital (age <1 yr) *********************************** | | 166 | 7 | 423 | 431 | 430 | 349 | 329 | *(11) |
| etanus | | 6 | | 18 | 19 | 28 | 41 | 27 | |
| loxic-shock syndrome (staphylococcal) | 2 | 60 | 1 | 74 | 71 | 92 | 101 | 90 | EA/21 |
| richinellosis | * | 3 | 0 | 13 | 39 | 5 | | | CA (2) |
| Tularemia | 1 | 86 | 2 | | | | | 16 | MA (1) |
| Typhoid fever | 2 | | | 93 | 123 | 137 | 95 | 154 | VA (1) |
| Vancomycin-intermediate Staphylococcus aureus | | 332 | 6 | 397 | 449 | 434 | | 324 | FL (1), CA (1) |
| /ancomycin-resistant Staphylococcus aureus | 5 | 75 | 1 | 78 | 63 | 37 | 6 | 2 | NY (1), OH (3), NC (1) |
| Vibriosis (noncholera Vibrio species infections) | - | 1 | 0 | 1 | 500 | 2 | 1 | 3 | man and a second as a second a |
| Viral hemorrhagic fever 5955 | 6 | 665 | 9 | 789 | 588 | 549 | | | OH (1), MD (1), FL (2), WA (1), CA (1) |
| | | 1 | | NN | NN | NN | NN | NN | |
| Yellow fever | | | - | | - | | - | - | |

See Table I footnotes on next page.

TABLE I. (Continued) Provisional cases of infrequently reported notifiable diseases (<1.000 cases reported during the preceding year) — United States, week ending October 30, 2010 (43rd week)*

No reported cases. N: Not reportable. NN: Not Nationally Notifiable Cum: Cumulative year-to-date counts.

* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf.

Calculated by summing the incidence counts for the current week, the 2 weeks preceding the current week, and the 2 weeks following the current week, for a total of 5 preceding years.

Additional information is available at http://www.cdc.gov/ncphi/disss/nndss/phs/files/5yearweeklyaverage.pdf. Not reportable in all states. Data from states where the condition is not reportable are excluded from this table except starting in 2007 for the domestic arboviral diseases, STD data, TB Not reportable in all states. Data from states where the condition is not reportable are excluded from this table except starting in 2007 for the domestic arboviral diseases, SLD data, TB data, TB data, TB data, TB data, TB data, TB data, and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/ncphi/disss/ndss/phs/infdis.htm.
Includes both neuroinvasive and nonneuroinvasive. Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and

Enteric Diseases (ArboNET Surveillance). Data for West Nile virus are available in Table II.

Data for H. influenzae (all ages, all serotypes) are available in Table II.

11 Updated monthly from reports to the Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. Implementation of HIV reporting influences the number of cases reported. Updates of pediatric HIV data have been temporarily suspended until upgrading of the national HIV/AIDS surveillance data management system is completed. Data for HIV/AIDS, when available, are displayed in Table IV, which appears quarterly.

Supplied to the Influence Division, National Center for Immunization and Respiratory Diseases. Since August 30, 2009, a total of 282 influenza-associated pediatric

deaths occurring during the 2009-10 influenza season have been reported.

No measles cases were reported for the current week.

*** Data for meningococcal disease (all serogroups) are available in Table II.

The Data for meningococcal disease an serogroups) are available in Table II, the CDC discontinued reporting of individual confirmed and probable cases of 2009 pandemic influenza A (H1N1) virus infections on July 24, 2009. During 2009, four cases of human infection with novel influenza A viruses, different from the 2009 pandemic influenza A (H1N1) strain, were reported to CDC. The one case of novel influenza A virus infection reported to CDC during 2010 was identified as swine influenza A (H3N2) virus and is unrelated to 2009 pandemic influenza A (H1N1) virus. Total case counts for 2009 were provided by the influenza Division, National Center for Immunization and Respiratory Diseases (NCIRD).

555 In 2009, Q fever acute and chronic reporting categories were recognized as a result of revisions to the Q fever case definition. Prior to that time, case counts were not differentiated with respect to acute and chronic O fever cases.

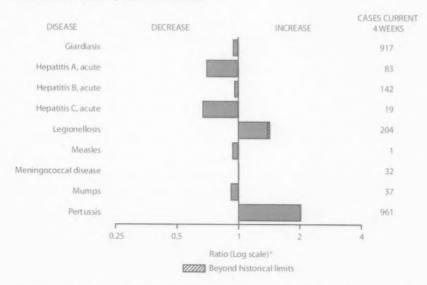
199 No rubella cases were reported for the current week.

***** Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases.

Updated weekly from reports to the Division of STD Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention

There was one case of viral hemorrhagic fever reported during week 12. The one case report was confirmed as lassa fever. See Table II for dengue hemorrhagic fever.

FIGURE 1. Selected notifiable disease reports, United States, comparison of provisional 4-week totals October 30, 2010, with historical data



^{*} Ratio of current 4-week total to mean of 15.4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals

Notifiable Disease Data Team and 122 Cities Mortality Data Team

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Deborah A. Adams Rosaline Dhara Willie J. Anderson Pearl C. Sharp Michael S. Wodajo Lenee Blanton

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | Chlamydi | a trachomatis | infection | | | Cryp | tosporidiosis | | |
|---------------------------------------|--------------|--------------|----------------|------------------|------------------|---------|------------|---------------|-----------|------------|
| | Current | Previous ! | 52 weeks | Cum | Cum | Current | Previous ! | 2 weeks | Cum | Cum |
| Reporting area | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 |
| Inited States | 13,084 | 23,416 | 26,203 | 980,635 | 1,040,415 | 51 | 122 | 332 | 6,484 | 6,339 |
| lew England | 799 | 744 | 1.396 | 32,879 | 33,020 | | 7 | 74 | 382 | 402 |
| Connecticut | 403 | 216 | 736 | 8,380 | 9,640 | | 0 | 68 | 68 | 38 |
| Maine [†] | | 50 | 75 | 1,996 | 2,015 | | 1 | 7 | 71 | 44 |
| Massachusetts | 296 | 401 | 652 | 16,701 | 15,470 | | 2 | 8 | 120 | 155 |
| New Hampshire | 62 | 41 | 114 | 2,015 | 1,789 | | 1 | 5 | 47 | 73 |
| Rhode Island ¹ | | 64 | 120 | 2,745 | 3,113 | | 0 | 2 | 13 | 22 |
| Vermont [†] | 38 | 23 | 51 | 1,042 | 993 | | 1 | 5 | 63 | 70 |
| Aid. Atlantic | 3,135 | 3,289 | 4,751 | 141,278 | 131,537 | 7 | 14 | 37 | 685 | 721 |
| New Jersey | 349 | 479 | 691 | 20,979 | 20,437 | | 0 | .1 | | 46 |
| New York (Upstate) New York City | 898 1,219 | 679 1,206 | 2,530 | 28,588 | 26,148 | 5 | 3 | 16 | 183 | 190 |
| Pennsylvania | 669 | 897 | 2,741 1,092 | 52,517 39,194 | 48,760 | - | 1 | 5 | 75 | 72 |
| | | | | | 36,192 | 2 | 8 | 26 | 427 | 413 |
| E.N. Central | 168 | 3,474 | 4,127 | 141,705 | 167,067 | 7 | 29 | 121 | 1,746 | 1,494 |
| Illinois Indiana | 22 | 812 | 1,225 | 29,826 | 51,263 | | 3 | 21 | 245 | 140 |
| Michigan | | 349 900 | 796 1,420 | 15,739 38,755 | 19,000 | | 3 | 10 | 133 | 245 |
| Ohio | 146 | 969 | 1,082 | 40,278 | 38,380 | 7 | 5 7 | 18 | 274 | 242 |
| Wisconsin | 190 | 415 | 504 | 17,107 | 40,870 17,554 | / | 9 | 24 | 407 | 328 |
| | | | | | | | | 55 | 687 | 539 |
| W.N. Central Iowa | 147 13 | 1,342 189 | 1,565 269 | 55,591 | 59,341 | 7 | 23 | 82 | 1,183 | 967 |
| Kansas | 7 | 185 | 235 | 8,309 7,647 | 8,050 8,995 | | 4 | 23 | 299 | 183 |
| Minnesota | | 275 | 331 | 11,185 | 12,100 | | 2 | 9 18 | 118 98 | 91 |
| Missouri | | 495 | 599 | 20,430 | 21,681 | 5 | 4 | 30 | 342 | 294 165 |
| Nebraska [†] | 110 | 93 | 237 | 4,106 | 4,498 | 1 | 3 | 26 | 215 | 104 |
| North Dakota | | 34 | 89 | 1,375 | 1,509 | 1 | 0 | 18 | 29 | 11 |
| South Dakota | 17 | 62 | 77 | 2,539 | 2,508 | | 2 | 6 | 82 | 119 |
| . Atlantic | 3.631 | 4.562 | 5,681 | 193,486 | 210,936 | 12 | | | | |
| Defaware | 126 | 85 | 220 | 3,681 | 3,944 | 12 | 18 | 51 | 858 | 972 |
| District of Columbia | | 96 | 177 | 4,099 | 5,733 | | 0 | 1 | 2 | 6 |
| Florida | 577 | 1,462 | 1,726 | 62,141 | 61,732 | 8 | 7 | 19 | 322 | 387 |
| Georgia | 231 | 402 | 1,229 | 17,634 | 33,854 | 1 | 5 | 31 | 250 | 299 |
| Maryland [†] | 420 | 467 | 1,031 | 19,501 | 18,656 | | 1 | 3 | 32 | 38 |
| North Carolina | 755 | 773 | 1,562 | 34,310 | 34,962 | | 1 | 12 | 69 | 101 |
| South Carolina [†] | 746 | 521 | 788 | 22,994 | 22,726 | 3 | 1 | 8 | 80 | 52 |
| Virginia* | 688 | 596 | 902 | 25,977 | 26,236 | | 2 | 8 | 81 | 66 |
| West Virginia | 88 | 71 | 137 | 3,149 | 3,093 | | 0 | 3 | 15 | 15 |
| E.S. Central | 1,392 | 1,744 | 2,415 | 73,804 | 78,071 | | 4 | 19 | 263 | 199 |
| Alabama [†] | 580 | 491 | 756 | 21,975 | 22,349 | - | 2 | 11 | 123 | 58 |
| Kentucky | 194 | 281 | 642 | 12,297 | 10,633 | | T | 6 | 72 | 56 |
| Mississippi Tennessee [†] | 321 297 | 384 566 | 780 | 15,872 | 19,948 | | 0 | 3 | 18 | 17 |
| | | | 729 | 23,660 | 25,141 | | 1 | 5 | 50 | 68 |
| W.S. Central | 1,012 | 2,954 | 4,578 | 127,714 | 136,992 | 8 | 8 | 39 | 373 | 485 |
| Arkansas* | 322 | 259 | 392 | 10,068 | 12,237 | | 1 | 3 | 30 | 48 |
| Louisiana Oklahoma | 466 224 | 228 257 | 1,076 | 12,143 | 24,006 | _ | 1 | 5 | 49 | 47 |
| Texas | 224 | 2,189 | 1,374 3,200 | 12,736 | 12,110 | 1 | 1 | 8 | 75 | 109 |
| | | | | 92,767 | 88,639 | 7 | 4 | 30 | 219 | 281 |
| Mountain | 465 | 1,492 | 1,904 | 61,799 | 66,517 | 1 | 10 | 29 | 473 | 494 |
| Arizona Colorado | 320 | 498 369 | 713 | 20,827 | 21,798 | 1 | 1 | 3 | 32 | 30 |
| Idaho† | 68 | 77 | 593 200 | 14,372 | 16,311 | | 2 | 8 | 115 | 126 |
| Montana [†] | 00 | 60 | 79 | 3,347 2,445 | 3,042 | | 2 | 6 | 81 | 80 |
| Nevada [†] | | 170 | 337 | 7,705 | 2,523 8,460 | | 0 | 4 | 43 | 50 |
| New Mexico [†] | | 171 | 453 | 6,386 | 7,618 | | 0 2 | 6 | 31 100 | 2 |
| Utah | 76 | 120 | 176 | 5,132 | 5,137 | | 1 | 5 | 57 | 13 |
| Wyoming [†] | 1 | 37 | 79 | 1,585 | 1,628 | | 0 | 2 | 14 | 36 |
| Pacific | 2,335 | 3,654 | | | | | | | | |
| Alaska | 2,333 | 3,054 | 5,350 148 | 152,379 4,806 | 156,934 4,396 | 9 | 12 | 28 | 521 | 605 |
| California | 1,857 | 2.784 | 4,406 | 117,972 | 120,007 | 7 | 0 7 | 19 | 707 | 761 |
| Hawaii | | 112 | 158 | 4,705 | 5,110 | , | ó | 0 | 297 | 360 |
| Oregon | 216 | 208 | 468 | 9,175 | 9.308 | 1 | 3 | 13 | 150 | 166 |
| Washington | 262 | 384 | 497 | 15,721 | 18,113 | 1 | 1 | 8 | 70 | 72 |
| Territories | | | | | | | | 4 | 10 | 4. |
| American Samoa | | 0 | 0 | | | N | 0 | 0 | 8.1 | |
| C.N.M.I. | | - | - | | | 14 | U | U | N | 1 |
| Guam | | 6 | 31 | 259 | 308 | | 0 | 0 | | |
| Puerta Rico | | 92 | 265 | 4,285 | 6,344 | N | 0 | 0 | N | N |
| U.S. Virgin Islands | | 9 | 29 | 323 | 436 | | 0 | 0 | | 1 |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

" Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/incphi/disss/nndss/phs/files/ProvisionalNationa@120NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | | | Dengue Vi | rus Infection | | | | |
|---|---------|----------|--------------|-------|-------------|-----------------|----------|--------------|--------------------|-------------|
| | | | Dengue Fever | t | | | Dengue l | -lemorrhagic | Fever ⁵ | |
| | Current | Previous | 52 weeks | Cum | - | - | | 52 weeks | | |
| Reporting area | week | Med | Max | 2010 | Cum 2009 | Current week | Med | Max | 2010 | Cum 2009 |
| Inited States | | 5 | 30 | 368 | NN | | 0 | 1 | 4 | NN |
| iew England | | 0 | 2 | 4 | NN | | 0 | 0 | - | NN |
| Connecticut | | 0 | 0 | | NN | | 0 | 0 | | NN |
| Maine* | | 0 | 2 | 3 | NN | | 0 | 0 | | NN |
| Massachusetts | | 0 | 0 | | NN | | 0 | 0 | | NN |
| New Hampshire | | 0 | 0 | | NN | | 0 | 0 | | NN |
| Rhode Island [¶] Vermont [¶] | | 0 | 0 | - | NN | | 0 | 0 | | NN |
| | | 0 | 1 | 1 | NN | | 0 | 0 | | NN |
| Nid. Atlantic | | 1 | 9 | 75 | NN | | 0 | 0 | | NN |
| New Jersey | | 0 | 0 | | NN | | 0 | 0 | | NN |
| New York (Upstate) | | 0 | 0 | | NN | | 0 | 0 | | NN |
| New York City Pennsylvania | | 0 | 7 2 | 62 | NN | | 0 | 0 | | NN |
| | | | | 13 | NN | | 0 | 0 | | NN |
| .N. Central | | 0 | 5 | 38 | NN | | 0 | 1 | 1 | NN |
| Illinois | | 0 | 0 | | NN | | 0 | 0 | | NN |
| Indiana | | 0 | 2 | 10 | NN | | 0 | .0 | | NN |
| Michigan Ohio | | 0 | 2 | 9 | NN | | 0 | 0 | | NN |
| | | 0 | 2 | 14 | NN | | 0 | 0 | | NN |
| Wisconsin | | 0 | 2 | 5 | NN | | 0 | 1 | 1 | NN |
| V.N. Central | | 0 | 2 | 17 | NN | | 0 | 0 | | NN |
| lowa | - | 0 | 1 | 2 | NN | - | 0 | 0 | | NN |
| Kansas | | 0 | 1 | 1 | NN | | 0 | 0 | | NN |
| Minnesota | | 0 | 2 | 13 | NN | | 0 | 0 | | NN |
| Missouri Nebraska [®] | | 0 | 0 | | NN | | 0 | 0 | | NN |
| North Dakota | | 0 | 0 | | NN | | 0 | 0 | | NN |
| South Dakota | | 0 | 0 | 1 | NN | | 0 | 0 | | NN |
| | | | | | NN | | 0 | 0 | | NN |
| . Atlantic | | 2 | 16 | 188 | NN | | 0 | 1 | 2 | NN |
| Delaware | | 0 | 0 | | NN | | 0 | 0 | | NN |
| District of Columbia | | 0 | 0 | | NN | | .0 | 0 | | NN |
| Florida Georgia | | 1 | 14 | 157 | NN | | .0 | 1 | 2 | NN |
| Maryland [®] | | 0 | 2 | 9 | NN | | 0 | 0 | | NN |
| North Carolina | | 0 | 0 | 4 | NN | | 0 | 0 | | NN |
| South Carolina 9 | | 0 | 3 | 9 | NN | | 0 | 0 | | NN |
| Virginia* | | 0 | 3 | 7 | NN | | 0 | 0 | | NN |
| West Virginia | | 0 | 1 | 2 | NN | | 0 | 0 | | NN |
| .S. Central | | | | | | | | | | NN |
| Alabama [®] | | 0 | 2 2 | 5 | NN | | 0 | 0 | | NN |
| Kentucky | | 0 | 1 | 2 | NN NN | | 0 | 0 | | NN |
| Mississippi | | 0 | 1 | 1 | NN | | 0 | 0 | | NN |
| Tennessee* | | 0 | 1 | 1 | NN | | 0 | 0 | | NN |
| | | | | | | | | U | | NN |
| W.S. Central Arkansas | | 0 | 1 | 4 | NN | | 0 | 9 | T | NN |
| Louisiana | | 0 | 0 | | NN | | 0 | 1 | 1 | NN |
| Oklahoma | | 0 | 0 | - | NN | | 0 | 0 | | NN |
| Texas | | 0 | 0 | 4 | NN NN | | 0 | 0 | | NN |
| | | | | | | | 0 | 0 | | NN |
| Acizona | | 0 | 2 | 14 | NN | | 0 | 0 | | NN |
| Arizona Colorado | | 0 | 1 | 4 | NN | | 0 | 0 | | NN |
| Idaho [§] | | 0 | 0 | 7 | NN | | 0 | 0 | | NN |
| Montana ⁹ | | 0 | 1 | 2 | NN | | 0 | 0 | | NN |
| Nevada [®] | | 0 | 1 | 3 4 | NN NN | | 0 | 0 | | NN |
| New Mexico [¶] | | 0 | 1 | 1 | NN | | 0 | 0 | | NN |
| Utah | | 0 | 0 | | NN | | 0 | 0 | | NN |
| Wyoming* | | 0 | 0 | | NN | | 0 | 0 | | NN |
| | | | | | | | | | | NN |
| acific Alaska | | 0 | 5 | 23 | NN | - | 0 | 0 | | NN |
| California | | 0 | 5 | 11 | NN | | 0 | 0 | | NN |
| Hawaii | | 0 | 0 | 11 | NN | | 0 | 0 | | NN |
| Oregon | | 0 | 0 | | NN NN | | 0 | 0 | | NN |
| Washington | | 0 | 2 | 12 | NN | | 0 | 0 | | NN |
| | | U | 2 | 12 | 1414 | - | 0 | 0 | | NN |
| Territories | | - | | | | | | | | |
| American Samoa C.N.M.I. | | 0 | 0 | | NN | | 0 | 0 | | NN |
| Guam | | - | 0 | | NN | | - | - | | NN |
| Puerto Rico | | 0 | 0 | 9.701 | NN | | 0 | 0 | | NN |
| | | 97 | 534 | 8,701 | NN | | 0 | 3 | 32 | NN |
| U.S. Virgin Islands | | 0 | 0 | | NN | | 0 | 0 | | NN |

C.N.M.I.: Commonwealth of Northern Mariana Islands.

C.N.M.L. Commonwealth of Northern Mariana Islands.

L' Unavailable. — No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20109927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Dengue Fever includes cases that meet criteria for Dengue Fever with hemorrhage, other clinical, and unknown case classifications.

DHF includes cases that meet criteria for dengue shock syndrome (DSS), a more severe form of DHF.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | | | | | Ehrlichio | sis/Anapla | smosis† | | | | | | |
|---|---------|------------|-------------|-------------|-------------|-----------------|-----------|------------|----------|-------------|---------|------------|-----------|-------------|-------------|
| | | Ehrlie | chia chaffe | ensis | | | Anaplasn | na phagocy | tophilum | | | Und | determine | d | |
| | Current | Previous : | 52 weeks | _ | | | Previous | 52 weeks | | | | Previous ! | | | |
| Reporting area | week | Med | Max | Cum 2010 | Cum 2009 | Current week | Med | Max | 2010 | Cum 2009 | Current | Med | Max | Cum 2010 | Cum 2009 |
| United States | 4 | 9 | 181 | 527 | 855 | 3 | 11 | 309 | 641 | 822 | | 2 | 35 | 91 | 156 |
| New England | | 0 | 3 | 3 | 47 | | 2 | 8 | 72 | 238 | | 0 | 2 | 7 | 2 |
| Connecticut | | 0 | 0 | | | | 0 | 5 | 18 | 17 | | 0 | 2 | 5 | - |
| Maine [®] Massachusetts | | 0 | 0 | 2 | 3 9 | | 0 | 2 | 15 | 12 | | 0 | 0 | | |
| New Hampshire | | 0 | 1 | 1 | 4 | | 0 | 2 | 15 | 89 16 | | 0 | 0 | 2 | 1 |
| Rhode Island [§] | | 0 | 2 | | 30 | | 0 | 7 | 24 | 104 | | 0 | o | - 2 | 1 |
| Vermont ^b | | 0 | 0 | | 1 | | 0 | 0 | | | | 0 | 0 | - | |
| Mid. Atlantic | 1 | 1 | 15 | 44 | 175 | 2 | 3 | 17 | 173 | 285 | | 0 | 2 | 4 | -44 |
| New Jersey | | 0 | 2 | - | 94 | - | 0 | 2 | 1 | 66 | | 0 | 0 | | |
| New York (Upstate) New York City | 1 | 0 | 15 | 26 17 | 49 10 | 2 | 2 | 17 | 169 | 210 | | 0 | 1 | -4 | 6 |
| Pennsylvania | | 0 | 2 | 1 | 22 | | 0 | 1 | 3 | 8 | | 0 | 0 | | 37 |
| E.N. Central | | 0 | 4 | 29 | 83 | | 2 | 37 | 313 | 263 | | 1 | 6 | 56 | 67 |
| Illinois | | 0 | 2 | 12 | 33 | | 0 | 1 | 2 | 6 | | 0 | 2 | 4 | 3 |
| Indiana | | 0 | 0 | | | | 0 | 0 | - | _ | | 0 | 3 | 28 | 36 |
| Michigan | | 0 | 1 | 2 | 5 | | 0 | 0 | - | | | 0 | 1 | 3 | |
| Ohio Wisconsin | | 0 | 3 | 6 9 | 13 | | 0 2 | 1 27 | 200 | 1. | | 0 | 0 | - | 2 |
| | 1 | 1 | 13 | 116 | 150 | | 0 | 37 | 309 | 256 | | 0 | 3 | 21 | 26 |
| W.N. Central | | 0 | 0 | 110 | 130 | | 0 | 261 | 11 | 14 | | 0 | 30 | 11 | 16 |
| Kansas | | 0 | 1 | 6 | 6 | | 0 | 0 | | 1 | | 0 | 0 | | |
| Minnesota | | 0 | 6 | | 2 | | 0 | 261 | | 10 | | 0 | 30 | | 3 |
| Missouri | 1 | 1 | 13 | 108 | 140 | | 0 | 3 | 11 | 2 | | 0 | 3 | 11 | 13 |
| Nebraska ⁹ North Dakota | | 0 | 1 | 2 | 2 | | 0 | 0 | | 1 | | 0 | 0 | | |
| South Dakota | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| S. Atlantic | 2 | 4 | 19 | 232 | 239 | 1. | 1 | 7 | 52 | 16 | | 0 | 0 | - | _ |
| Delaware | - | 0 | 3 | 17 | 20 | | 0 | 1 | 4 | 2 | | 0 | 0 | 6 | 2 |
| District of Columbia | | 0 | 0 | | 2.17 | | 0 | 0 | - | 4 | | 0 | 0 | | |
| Florida | | 0 | 2 | 8 | 10 | | 0 | 1 | 3 | 3 | | 0 | 0 | | |
| Georgia | | 0 | 4 | 19 | 18 | | 0 | 1 | 1 | 1 | | 0 | 1 | 1 | |
| Maryland [®] North Carolina | 2 | 0 | 13 | 22 98 | 37 60 | 1 | 0 | 4 | 12 | 3 | | 0 | 1 | 2 | |
| South Carolina ⁵ | - | 0 | 2 | 3 | 10 | | 0 | 1 | 20 | 3 | | 0 | 0 | | |
| Virginia ¹ | | 1 | 13 | 65 | 83 | | 0 | 2 | 11 | 4 | | 0 | 1 | 3 | 2 |
| West Virginia | | 0 | 0 | | 1 | | 0 | 0 | | | | 0 | 1 | | |
| E.S. Central | | 1 | 10 | 82 | 128 | | 0 | 2 | 17 | 3 | | 0 | 1 | 6 | 24 |
| Alabama ⁹ | | 0 | 3 | 10 | 8 | | 0 | 2 | 7 | 1 | | 0 | 0 | - | |
| Kentucky Mississippi | | 0 | 2 | 14 | 10 | | 0 | 0 | 1 | | | 0 | 0 | | |
| Tennessee) | | 1 | 6 | 55 | 104 | | 0 | 2 | 9. | 2 | | 0 | 0 | 6 | 24 |
| W.S. Central | | 0 | 141 | 20 | 30 | | 0 | 23 | 3 | 1 | | 0 | 1 | 1 | 24 |
| Arkansas [§] | | 0 | 34 | 2 | 4 | | 0 | 6 | | , | | 0 | 0 | 1 | |
| Louisiana | | 0 | 1 | 7 | | | 0 | 0 | | | | 0 | 0 | | |
| Oklahoma | | 0 | 105 | 14 | 24 | | 0 | 16 | 2 | 1 | | 0 | 0 | | |
| Texas ⁹ | | 0 | 2 | 3 | 2 | | 0 | 1 | 1 | | | 0 | 7 | 1 | |
| Mountain Arizona | | 0 | 0 | | | | 0 | 0 | _ | _ | | 0 | 0 | - | 1 |
| Colorado | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | - | 1 |
| Idaho [§] | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| Montana ⁵ | | - 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| Nevada ⁹ | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | - | |
| New Mexico ⁵ Utah | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| Wyoming ⁹ | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | - | |
| Pacific | | 0 | 1 | 1 | 3 | | 0 | 0 | | 2 | | 0 | 0 | | |
| Alaska | | 0 | 0 | - | - | | 0 | 0 | | 2 | | 0 | 0 | | |
| California | | 0 | 1 | 1 | 3 | | 0 | 0 | | 2 | | 0 | 1 | | |
| Hawaii | | 0 | 0 | - | | | 0 | 0 | | _ | | 0 | 0 | | |
| Oregon Washington | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| | | 0 | U | | | | 0 | 0 | - | | | 0 | 0 | | |
| Territories American Samoa | | 0 | 0 | | | | | | | | | | | | |
| C.N.M.I. | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| Guam | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| Puerto Rico | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| U.S. Virgin Islands | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |

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U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

"Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalMationa%20NotifiableDiseaseSurveillanceData20109927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | Giardiasis | | | | | Gonorrhe | 3 | | Ha | emophilus i All ages | nfluenzae, , all seroty | invasive ¹ pes | |
|--|---------|----------|------------|------------|--------------|------------|------------|------------|-----------------|-----------------|---------|-------------------------|----------------------------|------------------------------|----------|
| Reporting area | Current | | 52 weeks | Cum | Cum | Content, | Previous 5 | | Cum | Cum | Current | Previous 5 | | Cum | Cum |
| | | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 |
| Inited States | 192 | 343 | 666 | 14,701 | 15,753 | 3,026 | 5,432 | 6,330 | 228,904 | 253,634 | 19 | 59 | 171 | 2,360 | 2,361 |
| Vew England | 8 | 30 | 53 | 1,236 | 1,490 | 117 | 103 | 196 | 4,386 | 4,047 | 1 | 3 | 21 | 133 | 157 |
| Connecticut Maine ⁵ | 7 | 5 | 13 | 236 | 250 | 72 | 42 | 169 | 1,876 | 1,959 | | 0 | 15 | 30 | 42 |
| Massachusetts | / | 12 | 12 | 187 463 | 184 644 | 40 | 3 46 | 11 81 | 136 | 112 | 1 | 0 | 2 | 11 | 18 |
| New Hampshire | | 3 | 8 | 124 | 178 | 5 | 40 | 7 | 1,952 129 | 1,568 | | 0 | 8 2 | 65 | 75 |
| Rhode Island [§] | | 1 | 7 | 60 | 52 | | 5 | 14 | 246 | 283 | | 0 | 2 | 11 | 10 |
| Vermont ⁹ | 1 | -4 | 10 | 166 | 182 | | 0 | 17 | 47 | 37 | | 0 | 1 | 7 | 5 |
| Nid. Atlantic | 50 | 59 | 103 | 2,537 | 2,919 | 686 | 678 | 1,124 | 29,901 | 26,400 | 8 | 11 | 34 | 459 | 482 |
| New Jersey | | 5 | 13 | 207 | 370 | 96 | 102 | 161 | 4,563 | 3,990 | | 2 | 7 | 75 | 107 |
| New York (Upstate) | 33 | 22 | 84 | 955 | 1,113 | 147 | 103 | 422 | 4,709 | 4,861 | 7 | 3 | 20 | 125 | 125 |
| New York City Pennsylvania | 6 | 16 14 | 33 25 | 744 631 | 710 | 230 | 227 | 548 | 10,190 | 9.182 | - | 2 | 6 | 88 | 59 |
| | | 53 | | 03, | 726 | 213 | 239 | 363 | 10,439 | 8,367 | 1 | 3 | 9 | 171 | 191 |
| E.N. Central Illinois | 13 | 12 | 78 26 | 2,383 | 2,476 534 | 49 | 919 | 1,260 | 38,825 | 53,458 | | 10 | 20 | 403 | 373 |
| Indiana | | 5 | 13 | 191 | 254 | 7 | 189 96 | 380 221 | 7,025 4,437 | 16,999 6,114 | | 3 | 9 | 123 | 139 |
| Michigan | | 13 | 23 | 564 | 566 | | 240 | 471 | 10,651 | 12.569 | | 0 | 6 | 69 27 | 66 19 |
| Ohio | 13 | 16 | 29 | 719 | 685 | 42 | 316 | 372 | 12,946 | 13,408 | | 2 | 6 | 99 | 86 |
| Wisconsin | | 8 | 29 | 417 | 437 | | 92 | 155 | 3,766 | 4,368 | | 2 | 5 | 85 | 63 |
| W.N. Central | 16 | 25 | 165 | 1,211 | 1,350 | 20 | 275 | 357 | 11,325 | 12,506 | 1 | 3 | 24 | 136 | 137 |
| lowa | | 5 | 11 | 245 | 252 | 1 | 33 | 53 | 1,412 | 1,389 | | 0 | 1 | 1 | 1.51 |
| Kansas | 1 | 4 | 10 | 183 | 131 | | 37 | 83 | 1,556 | 2,143 | | 0 | 2 | 13 | 13 |
| Minnesota | | 0 | 135 | 136 | 250 | | 39 | 62 | 1,596 | 1,952 | | 0 | 17 | 25 | 48 |
| Missouri Nebraska ⁶ | 13 | 8 | 25 | 365 | 447 | 10 | 124 | 172 | 5,356 | 5,476 | 1 | 1 | 6 | 68 | 49 |
| North Dakota | 1 | 0 | 9 7 | 182 27 | 153 20 | 19 | 22 | 50 | 978 | 1,144 | | 0 | 2 | 19 | 21 |
| South Dakota | - | 1 | 7 | 73 | 97 | | 7 | 17 | 333 | 110 | | 0 | 4 | 10 | 6 |
| . Atlantic | 48 | 73 | 143 | 3.135 | 3,079 | 1,036 | 1,303 | 1,671 | 56,078 | | - | | | | |
| Delaware | **** | 0 | 5 | 26 | 22 | 25 | 1.303 | 48 | 840 | 63,192 809 | 3 | 14 | 27 | 629 | 646 |
| District of Columbia | | 1 | 5 | 31 | 62 | 23 | 37 | 65 | 1,545 | 2,244 | | 0 | 1 | 5 | 3 |
| Florida | 41 | -40 | 87 | 1,807 | 1,614 | 179 | 385 | 490 | 16,740 | 17,815 | 2 | 3 | 9 | 155 | 191 |
| Georgia | | 10 | 51 | 485 | 625 | 85 | 143 | 421 | 6,004 | 11,551 | _ | 3 | 9 | 143 | 128 |
| Maryland [®] | 2 | 5 | 11 | 219 | 238 | 165 | 133 | 237 | 5,676 | 5,089 | | 1 | 6 | 55 | 76 |
| North Carolina | N | 0 | 0 | N | N | 206 | 252 | 596 | 11,490 | 11,918 | | 2 | 9 | 107 | 81 |
| South Carolina ⁵ Virginia ⁵ | 2 | 2 | 9 36 | 123 | 93 383 | 190 171 | 153 | 232 | 6,917 | 7,136 | | 2 | 7 | 69 | 63 |
| West Virginia | - 3 | 0 | 5 | 33 | 42 | 15 | 160 | 271 | 6,423 | 6,210 | 1 | 0 | 4 5 | 71 | 74 |
| S. Central | 2 | 5 | 15 | 214 | 346 | 418 | 480 | 698 | | | - | | | 21 | 26 |
| Alabama ⁵ | | 4 | 10 | 157 | 166 | 177 | 145 | 218 | 20,065 6,378 | 22,558 6,430 | 2 | 3 | 12 | 144 | 139 |
| Kentucky | N | 0 | 0 | N | N | 53 | 76 | 156 | 3,209 | 3,134 | | 0 | 2 | 22 | 34 19 |
| Mississippi | N | 0 | 0 | N | N | 111 | 109 | 216 | 4,512 | 6,218 | | 0 | 2 | 10 | 7 |
| Tennessee ⁹ | 2 | 1 | 10 | 57 | 180 | 77 | 145 | 195 | 5,966 | 6,776 | 2 | 2 | 10 | 83 | 79 |
| V.S. Central | 2 | 8 | 16 | 316 | 438 | 241 | 780 | 1,283 | 34,450 | 40.144 | 1 | 2 | 20 | 108 | 100 |
| Arkansas ⁵ | 2 | 2 | 9 | 114 | 127 | 79 | 75 | 133 | 3,075 | 3,786 | | 0 | 3 | 14 | 15 |
| Louisiana | | 3 | 9 | 139 | 174 | 109 | 68 | 441 | 3,471 | 7,807 | | 0 | 3 | 21 | 17 |
| Oklahoma | - | 2 | 7 | 63 | 137 | 53 | .78 | 359 | 3,736 | 3,858 | 1 | 1 | 15 | 65 | 64 |
| Texas* | N | 0 | 0 | N | N | | 571 | 964 | 24,168 | 24,693 | | 0 | 2 | 8 | 4 |
| Mountain | 6 | 30 | 49 | 1,351 | 1,407 | 44 | 179 | 262 | 7,299 | 7,790 | 2 | 5 | 15 | 242 | 205 |
| Arizona | | 3 | 8 | 132 | 174 | 42 | 63 | 109 | 2,455 | 2,602 | 1 | 2 | 10 | 91 | 65 |
| Colorado Idaho [§] | 2 | 13 | 27 | 569 | 409 | - | 53 | 94 | 2,156 | 2,352 | - | 1 | 5 | 67 | 60 |
| Montana ⁹ | 3 | 2 | 9 7 | 177 89 | 176 118 | 2 | 2 2 | 6 | 98 | 85 | 1 | 0 | 2 | 15 | 3 |
| Nevada [§] | - 3 | 1 | 11 | 83 | 99 | | 28 | 94 | 86 1,361 | 1,463 | | 0 | 2 | 2 | 1 |
| New Mexico ⁶ | | 2 | 5 | 78 | 107 | | 19 | 41 | 854 | 889 | | 0 | 5 | 6 35 | 16 |
| Utah | 1 | 4 | 1.1 | 189 | 267 | | 6 | 15 | 261 | 270 | | 0 | 4 | 20 | 29 |
| Wyoming ⁶ | - | 1 | 5 | 34 | 57 | | 0 | 4 | 28 | 61 | | 0 | 2 | 6 | 3 |
| Pacific | 47 | 53 | 133 | 2,318 | 2,248 | 415 | 598 | 809 | 26,575 | 23,539 | 1 | 2 | 21 | 106 | 122 |
| Alaska | | 2 | 6 | 84 | 99 | | 23 | 37 | 1,020 | 814 | | 0 | 2 | 20 | 16 |
| California | 29 | 33 | 61 | 1,446 | 1,458 | 352 | 494 | 691 | 22,005 | 19,364 | | 0 | 18 | 18 | 39 |
| Hawaii | - | 0 | 3 | 24 | 18 | | 14 | 25 | 604 | 539 | | 0 | 2 | 7 | 28 |
| Oregon | 1 | 9 | 20 | 406 | 349 | 13 | 19 | 43 | 830 | 912 | 1 | 1 | 5 | 57 | 36 |
| Washington | 17 | 8 | 75 | 358 | 324 | 50 | 50 | 69 | 2,116 | 1,910 | | 0 | 4 | 4 | 3 |
| erritories | | | | | | | | | | | | | | | |
| American Samoa | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| C.N.M.I. Guam | | -0 | 1 | 2 | 3 | | - | - | 20 | - | | - | - | | |
| Puerto Rico | | 1 | 8 | 57 | 142 | | 0 | 4 | 30 238 | 19 206 | | 0 | 0 | - | |
| U.S. Virgin Islands | | 0 | 0 | 31 | 142 | | 2 | 7 | 78 | 107 | | 0 | 0 | 1 | 4 |

C.N.M.L: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa@2/0NotifiablebiseasesSurveillanceData20100927.pdf. Data for HIV/AIDD, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Data for H. influenzoe (age <5 yrs for serotype b, nonserotype b, and unknown serotype) are available in Table I.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | | | | | Hepatitis (| viral, acute | e), by type | 2 | | | | | |
|--|---------|------------|---------|----------|-----------|---------|-------------|--------------|-------------|-------------|---------|------------|----------|-------------|-------------|
| | | | A | | | | | В | | | | | C | | |
| | Current | Previous 5 | 2 weeks | Cum | Cum | Current | Previous ! | 52 weeks | - | - | - | Previous ! | 52 weeks | | |
| Reporting area | week | Med | Max | 2010 | 2009 | week | Med | Max | Cum 2010 | Cum 2009 | Current | Med | Max | Cum 2010 | Cum 2009 |
| United States | 14 | 30 | 69 | 1,243 | 1,664 | 25 | 61 | 204 | 2,541 | 2,733 | 4 | 15 | 44 | 661 | 618 |
| New England | 1 | 2 | 5 | 78 | 97 | 1 | 1 | 5 | 46 | 47 | | 1 | 4 | 34 | 56 |
| Connecticut | 1 | 0 | 3 | 25 | 18 | | 0 | 2 | 17 | 14 | | 1 | 4 | 24 | 43 |
| Maine ¹ Massachusetts | | 0 | 1 4 | 36 | 61 | 1 | 0 | 2 | 13 | 12 | | 0 | 0 | - | .2 |
| New Hampshire | | 0 | 1 | 2 | 7 | | 0 | 2 2 | 8 | 17 | N | 0 | 0 | 9 N | 10 N |
| Rhode Island [†] | | 0 | -4 | 8 | 8 | U | 0 | 0 | U | Ü | Ü | 0 | 0 | U | U |
| Vermont [†] | | 0 | 0 | | 2 | - | 0 | 1 | 2 | - | | 0 | 1 | 1 | 1 |
| Mid. Atlantic | 1 | 4 | 10 | 171 | 236 | 1 | 5 | 10 | 239 | 286 | | 2 | 6 | 95 | 87 |
| New Jersey New York (Upstate) | 1 | 0 | 3 4 | 12 53 | 60 42 | 1 | 3 | 5 | 57 42 | 85 47 | | 0 | 2 | 21 | 6 |
| New York City | - | 1 | 5 | 61 | 74 | _ | 2 | 4 | 75 | 61 | | 0 | 0 | 48 | 40 |
| Pennsylvania | | 1 | -4 | 45 | 60 | | 1 | 5 | 65 | 93 | | 0 | 3 | 26 | 36 |
| E.N. Central | 1 | 4 | 8 | 173 | 255 | | 9 | 17 | 379 | 373 | | 2 | 10 | 99 | 73 |
| Illinois | | 1 | 3 | 40 | 116 | - | 2 | 5 | 71 | 103 | | 0 | 1 | 1 | 4 |
| Indiana Michigan | | 0 | 2 | 15 52 | 16 | - | 1 3 | 5 | 47 | 63 | | 0 | 2 | 21 | 16 |
| Ohio | 1 | 0 | 5 | 42 | 34 | | 2 | 6 | 101 | 75 | | 0 | 6 | 62 | 26 24 |
| Wisconsin | | 0 | 3 | 24 | 28 | | 1 | 8 | 80 | 21 | | 0 | 2 | 7 | 3 |
| W.N. Central | | 1 | 13 | 66 | 99 | 1 | 2 | 15 | 98 | 120 | | 0 | 11 | 15 | 19 |
| lowa | | 0 | 3 | 8 | 32 | | 0 | 2 | 12 | 29 | | 0 | 1 | | 10 |
| Kansas Minnesota | | 0 | 3 | 11 | 8 | - | 0 | 2 | 7 | 6 | - | 0 | 1 | 1 | 1 |
| Missouri | | 0 | 12 | 14 20 | 17 21 | 1 | 0 | 13 | 7 | 23 40 | | 0 | 9 | 6 | 4 |
| Nebraska† | | 0 | 4 | 12 | 18 | | 0 | 2 | 11 | 19 | | 0 | 1 | 2 | 2 |
| North Dakota | | 0 | 1 | | | | 0 | 0 | | | - | 0 | 1 | | 1 |
| South Dakota | | 0 | 1 | 1 | 3 | | 0 | 1 | 1 | 3 | | 0 | 0 | | 1 |
| S. Atlantic | 1 | 7 | 14 | 287 | 365 | 16 | 16 | 40 | 740 | 753 | 2 | 4 | 7 | 141 | 141 |
| Delaware District of Columbia | | 0 | 3 | 7 | 3 | | 0 | 2 | 22 | 28 | U | 0 | 0 | U | U |
| Florida | | 3 | 7 | 113 | 154 | 4 | 6 | 12 | 249 | 10 241 | 2 | 0 | 5 | 2 46 | 37 |
| Georgia | | 1 | 3 | 34 | 42 | 2 | 3 | 7 | 127 | 129 | - | 0 | 2 | 7 | 30 |
| Maryland [†] | | 0 | 3 | 20 | 42 | 1 | 1 | 6 | 60 | 65 | | 0 | 2 | 21 | 21 |
| North Carolina South Carolina ¹ | | 0 | 5 | 45 22 | 35 53 | 2 | 1 | 16 | 85 51 | 95 | | 0 | 3 | 36 | 20 |
| Virginia [†] | 1 | 1 | 6 | 43 | 32 | 4 | 1 | 14 | 82 | 47 82 | | 0 | 2 | 11 | 8 |
| West Virginia | - | 0 | 2 | 2 | 3 | | 0 | 14 | 61 | 56 | | 0 | 5 | 17 | 23 |
| E.S. Central | | 1 | 3 | 33 | 34 | | 7 | 13 | 292 | 280 | | 3 | 7 | 120 | 84 |
| Alabama [†] | | 0 | 1 | 6 | 9 | | 1 | 5 | 59 | 74 | | 0 | 1 | 5 | 7 |
| Kentucky Mississippi | | 0 | 2 | 13 | 8 | - | 2 | 8 | 100 | 68 | | 2 | 5 | 82 | 48 |
| Tennessee† | | 0 | 2 | 12 | 8 | | 0 2 | 3 8 | 29 104 | 28 110 | U | 0 | 0 | 33 | U 29 |
| W.S. Central | 4 | 2 | 19 | 113 | 162 | 4 | 9 | 109 | 402 | 480 | 2 | 1 | 14 | 65 | 49 |
| Arkansas† | | 0 | 3 | | 8 | | 0 | 4 | 32 | 56 | - | 0 | 0 | 03 | 2 |
| Louisiana | | 0 | 2 | 7 | 5 | | 1 | 4 | 40 | 61 | | 0 | 1 | 7 | 7 |
| Oklahoma Texas [†] | 4 | 0 | 3 | 105 | 3 | _ | 2 | 19 | 79 | 82 | 2 | 0 | 12 | 28 | 12 |
| | - | 3 | 18 | 105 | 146 | 4 | 5 | 87 | 251 | 281 | | 1 | 3 | 30 | 28 |
| Mountain Arizona | | 1 | 5 | 120 | 139 59 | | 2 | 8 2 | 97 | 114 | - | 1 | 5 | 41 | 42 |
| Colorado | | 1 | 3 | 26 | 45 | | 0 | 3 | 26 21 | 39 22 | U | 0 | 0 2 | 7 | U 24 |
| Idaho† | | 0 | 2 | 6 | 4 | | 0 | 1 | 6 | 11 | | 0 | 2 | 9 | 4 |
| Montana [†] | | 0 | 1 | 4 | 6 | | 0 | 1 | 1 | 1 | | 0 | 0 | | 1 |
| Nevada [†] New Mexico [†] | | 0 | 2 | 12 | 11 7 | | 0 | 3 | 33 | 27 | | 0 | 1 | 4 | 3 |
| Utah | | 0 | 1 | 8 | 5 | | 0 | 1 | 4 5 | 6 | | 0 | 2 2 | 11 | 6 |
| Wyoming [†] | | 0 | 3 | 3 | 2 | - | 0 | 1 | 1 | 4 | | 0 | 0 | 10 | *4 |
| Pacific | 6 | 5 | 16 | 202 | 277 | 2 | 6 | 20 | 248 | 280 | | 1 | 6 | 51 | 67 |
| Alaska | - | 0 | 1 | 1 | 2 | | 0 | 1 | 3 | 3 | U | 0 | 2 | U | U |
| California Hawaii | 6 | 4 | 15 | 166 | 220 | 2 | 4 | 17 | 170 | 198 | | 0 | 4 | 20 | 37 |
| Oregon | | 0 | 2 2 | 16 | 8 | | 0 | 4 | 34 | 5 35 | U | 0 | 0 | 13 | 16 |
| Washington | | 0 | 2 | 16 | 33 | | 1 | 4 | 40 | 39 | | 0 | 6 | 18 | 14 |
| Territories | | | | | | | | | - | - | | | | 10 | 1-4 |
| American Samoa | | 0 | 0 | | | | 0 | 0 | - | | | 0 | 0 | | |
| C.N.M.I. Guam | | - | - | - | _ | | - | | | | | | _ | | |
| Puerto Rico | | 0 | 6 | 18 12 | 4 21 | | 0 | 6 2 | 40 | 50 | | 0 | 7 | 35 | 42 |
| U.S. Virgin Islands | | 0 | 0 | 12 | 21 | | 0 | 0 | 16 | 30 | | 0 | 0 | | |

C.N.M.L. Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/
ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases. United States weeks ending October 30, 2010, and October 31, 2000 (42) of the continued of the continue

| | | L | egionellos | is. | | | Lv | me disease | 2 | | | Λ. | Malaria | | |
|----------------------------------|---------|----------|------------|-------------|-------------|-----------------|----------|------------|--------------|--------------|---------|------------|-------------|----------|---------|
| | Current | Previous | 52 weeks | | | | Dearings | 52 weeks | | | | Previous 5 | 11111111111 | | |
| Reporting area | week | Med | Max | Cum 2010 | Cum 2009 | Current week | Med | Max | Cum 2010 | Cum 2009 | Current | Med | Max | Cum | Cum |
| United States | 51 | 58 | 114 | 2,623 | | | - | | | | | | | 2010 | 2009 |
| | | | | | 2,937 | 111 | 400 | 2,336 | 22,574 | 33,180 | 4 | 27 | 89 | 1,199 | 1,175 |
| New England Connecticut | 3 3 | 3 | 14 | 180 41 | 176 | 17 | 116 | 423 | 6,258 | 11,419 | | 1 | 4 | 57 | 53 |
| Maine1 | - | 0 | 3 | 11 | 48 | 17 | 41 | 200 76 | 2,257 626 | 3,838 791 | | 0 | 1 | 5 | 5 |
| Massachusetts | | 1 | 7 | 77 | 87 | 17 | 34 | 161 | 1,876 | 4,928 | | 0 | 1 | 37 | 2 |
| New Hampshire | | 0 | 5 | 19 | 11 | | 21 | 65 | 1,059 | 1,273 | | 0 | 2 | 4 | 34 4 |
| Rhode Island [†] | | 0 | 4 | 23 | 15 | | 1 | 40 | 146 | 217 | | 0 | 1 | 7 | 5 |
| Vermont [↑] | | 0 | 2 | 9 | 7 | - | -4 | 27 | 294 | 372 | | 0 | 1 | 3 | 3 |
| Mid. Atlantic | 15 | 17 | 37 | 713 | 1,046 | 64 | 175 | 710 | 10,885 | 14,458 | | 7 | 17 | 322 | 343 |
| New Jersey | - | 2 | 9 | 78 | 192 | 1 | 43 | 202 | 2,818 | 4,664 | | 0 | 4 | 1 | 89 |
| New York (Upstate) | 12 | 5 | 19 | 248 | 311 | 32 | 54 | 577 | 2,552 | 3,536 | | 1 | 6 | 64 | 41 |
| New York City | 3 | 2 | 10 | 117 | 208 | _ | 2 | 17 | 67 | 952 | | 4 | 14 | 209 | 167 |
| Pennsylvania | | 6 | 16 | 270 | 335 | 31 | 74 | 377 | 5,448 | 5,306 | | 1 | 3 | 48 | 46 |
| E.N. Central | 15 | 11 | 41 | 601 | 632 | | 16 | 171 | 1,698 | 2,795 | | 2 | 9 | 124 | 151 |
| Illinois | _ | 1 | 15 | 118 | 116 | | 1 | 16 | 110 | 134 | | 1 | 7 | 44 | 64 |
| Indiana Michigan | | 2 | 6 | 91 | 55 | | 1 | 7 | 63 | 80 | - | 0 | 2 | 7 | 20 |
| Ohio | 15 | 4 | 20 12 | 143 203 | 142 | | 1 | 14 | 83 | 95 | | 0 | 4 | 27 | 26 |
| Wisconsin | 13 | 1 | 11 | 46 | 249 70 | | 12 | 5 148 | 1,421 | 49 2,437 | | 0 | 5 | 37 | 32 |
| | 1 | 2 | 19 | 103 | 105 | 2 | | | | | | 0 | 1 | | 9 |
| W.N. Central lowa | , | 0 | 2 | 13 | 21 | 4 | 3 | 1,395 | 113 | 220 | | 1 | 11 | 62 | 60 |
| Kansas | | 0 | 2 | 10 | 7 | | 0 | 10 | 78 | 106 | | 0 | 2 | 11 | 10 |
| Minnesota | | 0 | 16 | 27 | 12 | | 0 | 1,380 | 6 | 18 88 | | 0 | 11 | 10 | 7 |
| Missouri | 1. | 0 | 4 | 32 | 52 | | 0 | 1,300 | 1 | 3 | | 0 | 1.1 | 3 20 | 24 |
| Nebraska† | | 0 | 2 | 8 | 11 | | 0 | 2 | · o | 4 | | 0 | 2 | 15 | 7 |
| North Dakota | - | 0 | 1 | 6 | 1 | 2 | 0 | 15 | 18 | | | 0 | î | 10 | |
| South Dakota | - | 0 | 2 | 7 | 1 | | 0 | 1 | 1 | 1 | | 0 | 2 | 3 | 1 |
| S. Atlantic | 11 | 10 | 27 | 450 | 483 | 22 | 60 | 171 | 3,276 | 3,878 | 4 | 6 | 38 | 334 | 310 |
| Delaware | 1 | 0 | 3 | 15 | 17 | | 11 | 31 | 546 | 898 | | 0 | 1 | 2 | 5 |
| District of Columbia | | 0 | 4 | 15 | 19 | 1 | 0 | 4 | 21 | 57 | | 0 | 2 | 9 | 15 |
| Florida | 5 | 3 | 9 | 150 | 150 | 3 | 2 | 11 | 87 | 91 | 2 | 2 | 7 | 108 | 82 |
| Georgia | | 1 | 4 | 41 | 50 | | 0 | 2 | 10 | 38 | 1 | 0 | 4 | 31 | 64 |
| Maryland [†] | _ | 2 | 8 | 99 | 125 | 11 | 25 | 99 | 1,435 | 1,821 | 1 | 1 | 18 | 74 | 61 |
| North Carolina South Carolina | 2 | 0 | 7 | 50 | 54 | | 1 | 9 | 78 | 89 | | 0 | 13 | 45 | 27 |
| Virginia [†] | 2 | 1 | 2 | 10 | 9 | - | 0 | 3 | 27 | 33 | | 0 | 1 | 4 | 4 |
| West Virginia | | 0 | 6 | 59 11 | 51 | 7 | 17 | 79 32 | 960 112 | 710 141 | | 1 | 5 | 58 | 50 |
| | 1 | 2 | 10 | 110 | 124 | | | | | | | .0 | 2 | 3 | 2 |
| E.S. Central Alabama† | , | 0 | 2 | | | | 1 | 4 | 39 | 34 | | 0 | 3 | 26 | 29 |
| Kentucky | | 0 | 4 | 15 25 | 17 45 | | 0 | 1 | 2 | 3 | | 0 | 1 | 6 | 8 |
| Mississippi | | 0 | 3 | 9 | 43 | | 0 | 0 | 4 | 1 | | 0 | 3 | 6 | 9 |
| Tennessee [†] | 1 | 1 | 6 | 61 | 58 | | 1 | 4 | 33 | 30 | | 0 | 2 | 2 | 3 |
| W.S. Central | 2 | 3 | 14 | 117 | 101 | 3 | 2 | 44 | 89 | 183 | | | | 12 | 9 |
| Arkansas† | | 0 | 2 | 12 | 701 | 3 | 0 | 0 | 99 | 183 | | 2 | 31 | 75 | 57 |
| Louisiana | | 0 | 3 | 7 | 12 | | 0 | 1 | 2 | | | 0 | 1 | 2 | 5 |
| Oklahoma | | 0 | 4 | 12 | 4 | | 0 | 2 | 2 | | | 0 | 1 | 4 5 | 5 |
| Texas* | 2 | 2 | 10 | 86 | 78 | 3 | 2 | 42 | 87 | 183 | | 1 | 30 | 64 | 46 |
| Mountain | 1 | 3 | 10 | 132 | 115 | | 0 | 3 | 21 | 52 | | 1 | 4 | 53 | 45 |
| Arizona | | 1 | 5 | 46 | 37 | | 0 | 1 | 3 | | | | 2 | | |
| Colorado | 1 | 1 | 5 | 29 | 20 | | 0 | 1 | 3 | 6 | | 0 | 3 | 22 18 | 8 26 |
| Idaho† | | 0 | 1 | 6 | 5 | | 0 | 2 | 6 | 14 | | 0 | 1 | 3 | 20 |
| Montana [†] | _ | 0 | 1 | 4 | 6 | | 0 | 1 | 3 | 3 | | 0 | 1 | 2 | 5 |
| Nevada [®] | | 0 | 2 | 18 | 12 | | 0 | 1 | | 12 | | 0 | 1 | 4 | _ |
| New Mexico [†] | | 0 | 2 | 7 | 9 | | 0 | 2 | 5 | 5 | | 0 | 1 | 1 | |
| Utah | | 0 | 3 | 17 | 22 | _ | 0 | 1 | 2 | 9 | | 0 | 1 | 3 | 4 |
| Wyoming [†] | | 0 | 2 | 5 | 4 | | 0 | 1 | | 2 | | 0 | 0 | | |
| Pacific | 2 | 5 | 19 | 217 | 155 | 3 | 5 | 11 | 195 | 141 | | 3 | 19 | 146 | 127 |
| Alaska | | 0 | 2 | 2 | 1 | | Θ | 1 | 6 | 5. | | 0 | 1 | 2 | 2 |
| California | 2 | 4 | 19 | 184 | 116 | 3 | 3 | 10 | 130 | 91 | | 2 | 13 | 100 | 94 |
| Hawaii | | 0 | 1 | 1 | 1 | N | 0 | 0 | N | N | | 0 | 1 | 1 | 1 |
| Oregon | | 0 | 3 | 12 | 15 | | 1 | 4 | 46 | 35 | | 0 | 3 | 12 | 11 |
| Washington | | 0 | 4 | 18 | 22 | | 0 | 4 | 13 | 10 | | 0 | 5 | 31 | 19 |
| Territories | | | | | | | | | | | | | | | |
| American Samoa | | 0 | 0 | | | N. | 0 | 0 | N | N | | 0 | 0 | | |
| C.N.M.I. Guam | - | - | - | - | | | - | - | | | | | | | |
| Puerto Rico | | 0 | 1 | 1 | 2 | 61 | 0 | 0 | | - | | 0 | 0 | - | - |
| U.S. Virgin Islands | | 0 | 0 | | 2 | N | 0 | 0 | N | N | | 0 | 2 | 4 | 5 |
| O.J. VII GITTISIATIOS | | 0 | U | | | _ | 0 | 0 | - | | | 0 | 0 | | |

C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

* Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/Provisional/Nationa%p20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

[†] Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | ccal diseas All groups | se, invasive | , | | | Pertussis | | | | Rabi | es, animal | | |
|--|---------|----------|---------------------------|--------------|----------|---------|----------|-----------|------------|------------|---------|------------|------------|------------|-----------|
| | Current | Previous | 52 weeks | Cum | Cum | Current | Previous | 52 weeks | Cum | Cum | Current | Previous 5 | 52 weeks | Cum | Cum |
| Reporting area | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 |
| United States | 8 | 16 | 43 | 603 | 778 | 191 | 309 | 1,756 | 15,605 | 12,925 | 15 | 67 | 140 | 2,803 | 4,494 |
| New England | | 0 | 2 | 13 | 29 | | 7 | 21 | 348 | 561 | 1 | 4 | 15 | 205 | 295 |
| Connecticut | - | 0 | 2 | 2 | 3 | | 1 | 8 | 95 | 45 | | 0 | 14 | 59 | 130 |
| Maine [®] Massachusetts | | 0 | 1 | 3 | 4 | | 0 | 5 | 37 164 | 76 318 | | 1 | 4 | 55 | 48 |
| New Hampshire | | 0 | 0 | - 3 | 3 | | 0 | 2 | 15 | 72 | | 0 | 5 | 12 | 29 |
| Rhode Island ⁹ | | 0 | 0 | | 4 | | 0 | 9 | 26 | 39 | | 1 | 4 | 31 | 38 |
| Vermont [§] | | 0 | 1 | 5 | 1 | | 0 | 4 | 11 | 11 | 1 | 1 | 5 | 48 | 50 |
| Mid. Atlantic | | 1 | 4 | 52 | 85 | 41 | 23 | 64 | 1,237 | 1,002 | 10 | 18 | 41 | 869 | 507 |
| New Jersey New York (Upstate) | | 0 | 2 3 | 11 | 16 17 | 24 | 3 | 8 | 103 443 | 209 | 10 | 0 | 0 | 170 | 200 |
| New York City | | 0 | 2 | 14 | 14 | 24 | 8 | 27 | 73 | 183 80 | 10 | 9 2 | 19 12 | 439 120 | 389 18 |
| Pennsylvania | | 0 | 2 | 18 | 38 | 17 | 10 | 40 | 618 | 530 | | 5 | 24 | 310 | 100 |
| E.N. Central | 1 | 2 | 8 | 108 | 141 | 51 | 74 | 173 | 3.793 | 2.713 | | 2 | 27 | 218 | 213 |
| Illinois | | 0 | 4 | 19 | 37 | | 12 | 29 | 615 | 563 | | 1 | 11 | 112 | 80 |
| Indiana | | 0 | 3 | 22 | 31 | | 9 | 26 | 429 | 314 | | 0 | 0 | | 25 |
| Michigan Ohio | 1 | 0 | 2 | 18 | 18 | | 23 | 51 | 1,056 | 738 | - | 1 | 5 | 63 | 63 |
| Wisconsin | - | 0 | 2 | 28 21 | 34 21 | 51 | 23 | 69 17 | 1,345 | 946 152 | | 0 | 12 | 43 | 45 |
| W.N. Central | | 1 | 6 | 42 | 65 | 29 | 30 | 627 | 1,830 | 1,852 | 2 | 4 | 0 | 210 | 240 |
| lowa | | 0 | 3 | 9 | 8 | 27 | 8 | 26 | 407 | 206 | 2 | 0 | 16 | 210 | 349 |
| Kansas | | 0 | 2 | 6 | 13 | 2 | 3 | 9 | 136 | 215 | 1 | 1 | 4 | 56 | 31 69 |
| Minnesota | | 0 | 2 | 2 | 11 | | 0 | 601 | 692 | 366 | | 0 | 9 | 26 | 55 |
| Missouri | | 0 | 3 | 18 | 21 | 25 | 8 | 25 | 346 | 880 | 1 | 1 | 6 | 64 | 64 |
| Nebraska [®] North Dakota | | 0 | 2 | 5 2 | , | 2 | 2 | 13 | 182 | 128 | | 1 | 4 | 44 | 77 |
| South Dakota | | 0 | 2 | - | 4 | | 1 | 5 | 41 26 | 17 40 | | 0 | 7 2 | 13 | 49 |
| S. Atlantic | | 3 | 7 | 114 | 142 | 23 | 27 | 78 | 1,294 | 1,425 | | 21 | 73 | 908 | 1,865 |
| Delaware | | 0 | 1 | 2 | 2 | - | 0 | 4 | 11 | 13 | | 0 | 0 | 900 | 1,000 |
| District of Columbia | | 0 | 0 | _ | - | | 0 | 1 | 5 | 6 | | 0 | 0 | | |
| Florida | | 1 | 5 | 51 | 45 | 5 | 5 | 28 | 269 | 464 | | 0 | 60 | 72 | 161 |
| Georgia Maryland ⁶ | | 0 | 2 | 9 7 | 29 | 7 | 3 | 18 | 202 | 208 | | 0 | 13 | | 352 |
| North Carolina | | 0 | 2 | 14 | 27 | 3 | 3 | 8 32 | 111 | 126 179 | | 0 | 14 10 | 313 | 341 |
| South Carolina® | | 0 | 1 | 10 | 11 | 1 | 5 | 19 | 294 | 225 | | 0 | 0 | | 423 |
| Virginia ⁹ | | 0 | 2 | 19 | 1-4 | 4 | 5 | 15 | 194 | 176 | | 10 | 25 | 458 | 486 |
| West Virginia | | 0 | -2 | 2 | 5 | 3 | 1 | 13 | 84 | 28 | | 1 | 7 | 65 | 102 |
| E.S. Central | 2 | 1 | 4 | 37 | 25 | 8 | 14 | 33 | 623 | 684 | 2 | 3 | 7 | 132 | 130 |
| Alabama ⁹ Kentucky | 1 | 0 | 2 2 | 6 | 7 | | 4 | 8 | 167 | 267 | 1 | 0 | 4 | 44 | |
| Mississippi | | 0 | 1 | 17 | 4 3 | 4 | 4 | 13. | 216 54 | 200 58 | 1 | 0 | 4 | 19 | 44 |
| Tennessee ⁶ | 1 | 0 | 2 | 10 | 11 | 4 | 4 | 11 | 186 | 159 | | 1 | 4 | 68 | 82 |
| W.S. Central | 2 | 1 | 9 | 70 | 76 | 25 | 57 | 753 | 2,357 | 2,742 | | 1 | 30 | 61 | 811 |
| Arkansas ⁹ | | 0 | 1 | 5 | 8 | 7 | 3 | 29 | 159 | 304 | | 0 | 7 | 21 | 38 |
| Louisiana | | 0 | 4 | 12 | 16 | | 1 | 4 | 30 | 136 | | 0 | 0 | - | |
| Oklahoma Texas [§] | 2 | 0 | 7 | 15 | 41 | 18 | 0 | 41 | 54 | 41 | | 0 | 30 | 40 | 30 |
| | 2 | 1 | 6 | 46 | | 4 | 48 | 681 | 2,114 | 2,261 | | 0 | 19 | - | 743 |
| Mountain Arizona | | 0 | 2 | 11 | S5 12 | | 23 | 56 | 1,133 | 823 | | 1 | 8 | 76 | 97 |
| Colorado | | 0 | 4 | 15 | 18 | 2 | 4 | 16 16 | 348 198 | 214 190 | | 0 | 5 | | |
| Idaho [§] | | 0 | 2 | 7 | 7 | 2 | 3 | 19 | 174 | 68 | | 0 | 0 2 | 11 | 8 |
| Montana ⁵ | | 0 | 1 | 1 | 5 | | 1 | 12 | 66 | 52 | | 0 | 3 | 16 | 25 |
| Nevada [§] New Mexico [§] | | 0 | 1 | 8 | 4 | | 0 | 7 | 30 | 24 | | 0 | 2 | 7 | 6 |
| Utah | | 0 | 1 | 3 | 3 | | 2 | 10 | 108 | 60 193 | | 0 | 2 | 11 | 25 |
| Wyoming [§] | | 0 | 1 | - | 4 | | 0 | 2 | 10 | 22 | | 0 | 2 | 10 21 | 12 |
| Pacific | 3 | 3 | 16 | 121 | 160 | 10 | 39 | 205 | 2,990 | 1,123 | | 3 | 12 | 124 | 227 |
| Alaska | | 0 | 1 | 1 | 6 | 150 | 0 | 6 | 35 | 38 | | 0 | 2 | 124 | 31 |
| California | 2 | 1 | 13 | 77 | 103 | | 27 | 177 | 2,277 | 573 | | 2 | 12 | 100 | 205 |
| Hawaii | - | 0 | 1 | 1 | 5 | | 0 | 6 | 39 | 37 | - | 0 | 0 | | |
| Oregon Washington | 1 | 0 | 2 | 27 15 | 33 13 | 10 | 6 | 16 | 289 | 234 | | 0 | 2 | 12 | 11 |
| | | 0 | | 15 | 13 | 10 | 5 | 38 | 350 | 241 | | 0 | 0 | - | |
| Territories American Samoa | | 0 | 0 | | | | 0 | 0 | | | | | - | | |
| C.N.M.I. | | 0 | 0 | | | | 0 | 0 | | | N | 0 | 0 | N | N |
| Guam | | 0 | 0 | | | | 0 | 2 | | | | 0 | 0 | | |
| Puerto Rico | | 0 | 1 | | | | 0 | 1 | 2 | 1 | | 1 | 3 | 36 | 37 |
| U.S. Virgin Islands | _ | 0 | 0 | - | | | 0 | 0 | | | | 0 | 0 | _ | |

C.N.M.I.: Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData2010927.pdf. Data for HIV/AID, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Data for meningococcal disease, invasive caused by serogroups A, C, Y, and W-135; serogroup B; other serogroup; and unknown serogroup are available in Table I.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | S | almonellos | is | | Shi | ga toxin-pr | oducing E. | . coli (STEC |)† | | Sh | igellosis | | |
|---------------------------------------|---------|----------|------------|------------|------------|---------|-------------|------------|--------------|-----------|---------|------------|-----------|--------------|-------------|
| | Current | Previous | 52 weeks | Cum | Cum | Current | Previous ! | 52 weeks | Cum | Cum | Current | Previous ! | 52 weeks | C | 6 |
| Reporting area | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 | Current | Med | Max | Cum 2010 | Cum 2009 |
| United States | 718 | 932 | 1,694 | 41,916 | 40,803 | 59 | 80 | 204 | 3,878 | 3,926 | 155 | 274 | 527 | 11,325 | 13,166 |
| New England | 2 | 29 | 440 | 1,826 | 1.943 | | 2 | 52 | 165 | 234 | | 4 | 61 | 262 | 309 |
| Connecticut | | 0 | 424 | 424 | 430 | | Ô | 52 | 52 | 67 | | 0 | 55 | 55 | 43 |
| Maine [§] | 2 | 2 | 7 | 107 | 111 | | 0 | 3 | 16 | 17 | | 0 | 1 | 5 | 5 |
| Massachusetts | | 21 | 48 | 945 | 980 | | 1 | 8 | 62 | 90 | | 4 | 16 | 179 | 215 |
| New Hampshire Rhode Island | | 3 2 | 10 | 145 | 238 | | 0 | 2 | 17 | 34 | | 0 | 2 | 11 | 19 |
| Vermont [§] | | 1 | 17 | 140 65 | 127 57 | | 0 | 26 | 2 | 75 | | 0 | 3 | 11 | 22 |
| | 47 | 94 | 218 | 4,875 | 4,760 | 6 | 0 | 2 | 16 | 25 | - | 0 | 1 | 1 | 5 |
| Mid. Atlantic New Jersey | -97 | 18 | 56 | 890 | 982 | 0 | 9 | 31 | 441 | 379 | 12 | 33 | 53 | 1,340 | 2,454 |
| New York (Upstate) | 33 | 25 | 78 | 1,249 | 1,125 | 6 | 3 | 15 | 54 172 | 91 130 | 11 | 6 | 16 | 257 | 534 |
| New York City | 1 | 24 | 56 | 1,166 | 1,096 | - | 1 | 7 | 64 | 54 | 1 | 6 | 19 14 | 202 256 | 183 |
| Pennsylvania | 13 | 28 | 82 | 1,570 | 1,557 | | 3 | 13 | 151 | 104 | | 15 | 35 | 625 | 1,337 |
| E.N. Central | 22 | 82 | 237 | 4,428 | 4,500 | | 10 | 39 | 632 | 649 | 5 | 26 | 238 | 1,459 | 2,256 |
| Illinois | | 28 | 114 | 1,579 | 1,284 | | 2 | 8 | 105 | 156 | | 9 | 228 | 725 | 529 |
| Indiana | | 9 | 53 | 369 | 526 | | 1 | 8 | 62 | 80 | | 1 | 5 | 31 | 62 |
| Michigan | | 15 | 47 | 779 | 846 | | 2 | 16 | 145 | 125 | | 4 | 9 | 199 | 200 |
| Ohia | 22 | 24 | 47 | 1,160 | 1,249 | | 2 | 11 | 124 | 118 | 5 | 6 | 23 | 265 | 1,002 |
| Wisconsin | _ | 10 | 44 | 541 | 595 | - | 3 | 17 | 196 | 170 | - | 4 | 21 | 239 | 463 |
| W.N. Central | 32 | 45 | 98 | 2,119 | 2,288 | 3 | 11 | 39 | 572 | 656 | 22 | 48 | 88 | 1,853 | 883 |
| lowa | 3 | 8 | 34 | 452 | 354 | | 3 | 16 | 149 | 142 | | 1 | 5 | 47 | 49 |
| Kansas | 4 | 8 | 19 | 389 | 340 | | 1 | 6 | 62 | 51 | 3 | 5 | 14 | 226 | 173 |
| Minnesota | | 0 | 32 | 178 | 486 | | 0 | 13 | 31 | 191 | | 0 | 4 | 14 | 69 |
| Missouri Nebraska [§] | 19 | 13 | 44 | 717 | 567 | 3 | 3 | 27 | 218 | 121 | 12 | 42 | 75 | 1,507 | 557 |
| North Dakota | 0 | 0 | 13 | 213 47 | 305 59 | | 0 | 10 | 65 17 | 80 | 7 | 1 | 10 | 52 | 27 |
| South Dakota | | 3 | 8 | 123 | 177 | | 0 | 4 | 30 | 64 | | 0 | 5 | 7 | 4 |
| S. Atlantic | 335 | 267 | 596 | 12.664 | 11.682 | 12 | 13 | 30 | | | | | 2 | | 4 |
| Delaware | 223 | 3 | 11 | 156 | 125 | 12 | | | 592 | 578 | 41 | 42 | 97 | 2,117 | 2,034 |
| District of Columbia | | 1 | 6 | 64 | 85 | | 0 | 2 | 5 | 12 | | 1 | 10 | 38 | 112 |
| Florida | 163 | 127 | 227 | 5.218 | 5.193 | 8 | 4 | 13 | 206 | 146 | 22 | 0 | 53 | 921 | 21 388 |
| Georgia | 39 | 40 | 129 | 2,268 | 2,054 | | 1 | 15 | 92 | 63 | g | 13 | 39 | 647 | 557 |
| Maryland ⁶ | 18 | 15 | 52 | 873 | 675 | 2 | 1 | 6 | 77 | 81 | 3 | 3 | 8 | 113 | 337 |
| North Carolina | 45 | 29 | 197 | 1,637 | 1,576 | | 1 | 10 | 63 | 97 | 5 | 2 | 18 | 168 | 339 |
| South Carolina | 55 | 20 | 93 | 1,345 | 885 | | 0 | 3 | 19 | 27 | 1 | 1 | 5 | 60 | 103 |
| Virginia ⁹ | 15 | 18 | 68 | 956 | 901 | 2 | 2 | 15 | 109 | 124 | 1 | 3 | 15 | 122 | 169 |
| West Virginia | | 3 | 16 | 147 | 188 | | 0 | 4 | 16 | 26 | | 0 | 11 | 26 | 8 |
| E.S. Central | 26 | 52 | 178 | 3,176 | 2,682 | 3 | 4. | 11 | 203 | 185 | 11 | 12 | 40 | 582 | 693 |
| Alabama ⁵ Kentucky | 6 | 14 | 49 | 785 | 785 | | 1 | 4 | 40 | 40 | | 3 | 10 | 134 | 129 |
| Mississippi | 6 | 13 | 31 68 | 487 992 | 398 | 1 | 1 | 6 | 55 | 62 | 3 | 4 | 28 | 199 | 184 |
| Tennessee | 14 | 14 | 53 | 912 | 807 692 | 2 | 0 2 | 7 | 14 | 6 | - n | 1 | 4 | 40 | 43 |
| | 102 | 115 | 547 | 5,117 | 4,926 | | | | 94 | 77 | 8 | 5 | 12 | 209 | 337 |
| W.S. Central Arkansas ⁵ | 16 | 10 | 43 | 688 | 550 | 3 | 5 | 68 | 252 | 266 | 39 | 51 | 251 | 2,098 | 2,457 |
| Louisiana | 10 | 20 | 47 | 990 | 1,018 | | 0 | 1 | 44 | 37 | 3 | 4 | 9 | 59 | 270 |
| Oklahoma | 14 | 10 | -46 | 564 | 541 | 1 | 0 | 27 | 25 | 22 30 | 3 | 6 | 13 96 | 210 | 160 |
| Texas§ | 72 | 74 | 477 | 2,875 | 2,817 | 2 | 3 | 41 | 169 | 177 | 33 | 36 | 144 | 236 1,593 | 1,784 |
| Mountain | 9 | 49 | 105 | 2.299 | 2.609 | 12 | 9 | 33 | 492 | 507 | 4 | 15 | 32 | 661 | 1.016 |
| Arizona | 7 | 18 | 42 | 815 | 904 | 9 | 1 | 5 | 65 | 55 | 4 | 8 | 20 | 358 | |
| Colorado | | 10 | 23 | 475 | 544 | - | 2 | 18 | 155 | 155 | - 4 | 2 | 6 | 100 | 731 88 |
| Idaho [§] | | 3 | 9 | 136 | 156 | 3 | 1 | 7 | 86 | 84 | | 0 | 3 | 23 | 8 |
| Montana [§] | 2 | 2 | 7 | 77 | 100 | | 1 | 5 | 37 | 32 | | 0 | 1 | 6 | 11 |
| Nevada [§] | _ | 4 | 22 | 240 | 222 | | 0 | 5 | 28 | 33 | | 0 | 6 | 34 | 65 |
| New Mexico ⁹ | | 6 | 15 | 261 | 325 | | 1 | 5 | 34 | 33 | | 2 | 9 | 103 | 94 |
| Utah | | 5 | 17 | 257 | 278 | | 1 | 7 | 73 | 102 | | 1 | 4 | 37 | 17 |
| Wyoming ⁹ | | | 9 | 38 | 80 | - | 0 | 2 | 14 | 13 | | 0 | 2 | | 2 |
| Pacific | 143 | 113 | 299 | 5,412 | 5,413 | 20 | 10 | 46 | 529 | 472 | 21 | 20 | 64 | 953 | 1,064 |
| Alaska | *** | 1 | 5 | 72 | 58 | | 0 | 1 | 2 | 1 | | 0 | 2 | 1 | 2 |
| California Hawaii | 110 | 84 | 227 | 4,096 | 4,037 | -8 | 5 | 35 | 235 | 226 | 19 | 16 | 51 | 789 | 861 |
| Oregon | 3 | 8 | 48 | 177 445 | 289 383 | | 0 | 4 7 | 18 | 9 | | 0 | 3 | 17 | 36 |
| Washington | 30 | 14 | 61 | 622 | 383 646 | 12 | 2 | 19 | 88 186 | 71 165 | 2 | 1 | 4 21 | 49 | 44 |
| Territories | 30 | | 0.1 | WEE | 040 | 12 | 3 | 15 | 100 | 103 | 2 | 1 | 21 | 97 | 121 |
| American Samoa | | 0 | 1 | - | | | | 0 | | | | | | | |
| C.N.M.I. | | 0 | 1 | 2 | | | 0 | 0 | | | | 3 | 1 | -4 | 3 |
| Guam | | 0 | 2 | 7 | 11 | | 0 | 0 | | | | 0 | 3 | 1 | 10 |
| Puerto Rico | - | 10 | 39 | 423 | 475 | | 0 | 0 | | | | 0 | 1 | 4 | 11 |
| U.S. Virgin Islands | | 0 | 0 | | | | 0. | 0 | | | | 0 | 0 | - | |

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C.N.M.I.: Commonwealth of Northern Mariana Islands.

U: Unavailable. — No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

*Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

† Includes E. Coli O157:H7: Shiga toxin-positive, seegroup non-0157; and Shiga toxin-positive, not serogrouped.

† Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | | Spot | ted Fever Rickett | siosis (including RN | 1SF) [↑] | | | |
|---|---------|----------|-----------|--------|-------------------|----------------------|-------------------|-----------|-------------|-------------|
| | | | Confirmed | | | | 1 | Probable | | |
| | Current | Previous | 52 weeks | - | - | - | Previous 5 | 2 wooks | | |
| Reporting area | week | Med | Max | 2010 | Cum 2009 | Current week | Med | Max | Cum 2010 | Cum 2009 |
| Inited States | 3 | 2 | 13 | 142 | 138 | 12 | 17 | 421 | 1,311 | 1,191 |
| lew England | | 0 | 0 | | 2 | 12 | 0 | 74.1 | | |
| Connecticut | | 0 | 0 | | - | | 0 | 0 | 3 | 10 |
| Maine ⁵ | | 0 | 0 | | _ | | 0 | 1 | 2 | 5 |
| Massachusetts | | 0 | 0 | | 1 | | 0 | 1 | _ | 5 |
| New Hampshire | | 0 | 0 | - | - | | 0 | 1 | 1 | |
| Rhode Island ⁵ Vermont ⁵ | | 0 | 0 | | 1 | | 0 | 0 | | _ |
| Aid. Atlantic | | | | | | | 0 | 0 | | |
| New Jersey | | 0 | 2 0 | 15 | 11 | | 1 | 4 | 51 | 89 |
| New York (Upstate) | | 0 | 1 | 2 | 2 | | 0 | 2 3 | 15 | 57 |
| New York City | | 0 | 1 | ī | 1 | | 0 | 4 | 24 | 13 |
| Pennsylvania | | 0 | 2 | 12 | 8 | | 0 | 1 | 12 | 13 |
| .N. Central | | 0 | 2 | 6 | 9 | | 1 | 9 | 86 | 79 |
| Illinois | _ | 0 | 1 | 4 | 1 | | 0 | 5 | 27 | 47 |
| Indiana | - | 0 | 1 | 2 | 3 | | 0 | 5 | 43 | 10 |
| Michigan | | 0 | 0 | | -4 | | 0 | 1 | 1 | 1 |
| Ohio Wisconsin | | 0 | 0 | | - | | 0 | 2 | 14 | 17 |
| | | | | | 1 | | 0 | 1 | 1 | 4 |
| W.N. Central Iowa | | 0 | 4 | 17 | 18 | 2 | 4 | 21 | 292 | 249 |
| Kansas | | 0 | 0 | 2 | 1 | | 0 | 1 | 4 | 4 |
| Minnesota | | 0 | 1 | - | 1 | | 0 | 0 | | 1 |
| Missouri | | 0 | 4 | 13 | 7 | 2 | 4 | 20 | 284 | 240 |
| Nebraska [§] | | 0 | 1 | 2 | 8 | - | 0 | 1 | 3 | 4 |
| North Dakota | | 0 | O | | | _ | 0 | 1 | 1 | |
| South Dakota | | 0 | 0 | | | | 0 | 0 | | |
| 5. Atlantic | 1 | 1 | 9 | 69 | 64 | 9 | 7 | 60 | 447 | 358 |
| Delaware | | 0 | 1 | 1 | | | 0 | 3 | 17 | 16 |
| District of Columbia | | 0 | 0 | | | | 0 | 1 | - | |
| Florida Georgia | 1 | 0 | 1 | 3 | 70 | | 0 | 2 | 11 | 5 |
| Maryland [§] | | 0 | 6 | 47 | 50 | 2 | 0 | 0 | 40 | 7.1 |
| North Carolina | | 0 | 3 | 11 | 3 7 | 6 | 0 | 48 | 48 235 | 34 237 |
| South Carolina ⁶ | | 0 | 1 | 1 | 3 | _ | 0 | 2 | 16 | 15 |
| Virginia [§] | | 0 | 2 | 4 | 1 | 1 | 1 | 12 | 120 | 49 |
| West Virginia | | 0 | 0 | | | | 0 | 0 | - | 2 |
| E.S. Central | - | 0 | 3 | 1.9 | 9 | 1 | -4 | 29 | 344 | 251 |
| Alabama ⁹ | | 0 | 1 | 4 | 3 | | 1 | 8 | 71 | 61 |
| Kentucky | | 0 | 2 | 6 | 1 | | 0 | 0 | | |
| Mississippi Tennessee ⁸ | | 0 | 0 | - | - | _ | 0 | 2 | 9 | 9 |
| | | 0 | 3 | 9 | 5 | 1 | 3 | 20 | 264 | 181 |
| W.S. Central Arkansas | | 0 | 3 | 6 | 9 | - | 1 | 408 | 80 | 131 |
| Louisiana | | 0 | 2 | 2 | | | 0. | 110 | 37 | 67 |
| Oklahoma | | 0 | 3 | 3 | 7 | | 0 | 1 207 | 2 | 2 |
| Texas [§] | | 0 | 1 | 1 | 2 | | 0 | 287 11 | 22 19 | 44 18 |
| Mountain | | 0 | | 2 | 15 | | | | | |
| Arizona | | 0 | 1 | - | 9 | = | 0 | 2 | 8 2 | 24 12 |
| Colorado | | 0 | 0 | | 1 | _ | 0 | 1 | 1 | 12 |
| Idaho [§] | - | 0 | 0 | - | _ | _ | 0 | 1 | 2 | 1 |
| Montana ⁵ | | 0 | 1 | 2 | -4 | _ | 0 | 1 | 1 | 6 |
| Nevada ⁵ | | 0 | 0 | - | _ | - | 0 | 0 | - | 1 |
| New Mexico [®] Utah | | 0 | 0 | | | | 0 | 1 | 1 | 1 |
| Wyoming ⁶ | | 0 | 0 | | 1 | | 0 | 1 | 1 | 1 |
| | | | | | | | 0 | 0 | | 2 |
| Pacific Alaska | 2 N | 0 | 2 | 8 | 1 | - | 0 | 0 | - | - |
| California | 2 | 0 | 0 2 | N 7 | N | N | 0 | 0 | N | N |
| Hawaii | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| Oregon | - | 0 | 1 | 1 | | 18 | 0 | 0 | 17 | N |
| Washington | - | 0 | 0 | | | | 0 | 0 | | |
| Territories | | | | | | | | | | |
| American Samoa | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| C.N.M.I. | | | | | | | _ | _ | 14 | IV |
| Guam | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| Puerto Rico | N | 0 | 0 | N | N | N | 0 | 0 | N | N |
| U.S. Virgin Islands | | 0 | 0 | | | | 0 | 0 | | |

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C.N.M.: Commonwealth of Northern Mariana Islands.

U: Unavaillable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/ProvisionalNationa@20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

Illnesses with similar clinical presentation that result from Spotted fever group rickettsia infections are reported as Spotted fever rickettsioses. Rocky Mountain spotted fever (RMSF) caused by Rickettsia rickettsii, is the most common and well-known spotted fever.

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | | | streptococ | cus pneumo | niae, invas | ive disease | | | | | | | | |
|--|---------|----------|----------|------------|------------|-------------|-------------|----------|-----------|-----------|-----------|--------------|-------------|-------------|-------------|
| | | | Allages | | | | | Age <5 | | | Sy | philis, prin | nary and se | condary | |
| | Current | Previous | 52 weeks | Cum | Cum | Current | Previous: | 52 weeks | Cum | Cum | Current - | Previous ! | 52 weeks | - | - |
| Reporting area | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 | week . | Med | Max | Cum 2010 | Cum 2009 |
| United States | 141 | 207 | 495 | 11,540 | 2,439 | 25 | 50 | 156 | 1,787 | 1,932 | 103 | 241 | 413 | 10,114 | 11,684 |
| New England | 1 | 9 | 100 | 627 | 45 | | 1 | 24 | 79 | 64 | 2 | 9 | 22 | 383 | 263 |
| Connecticut | | 0 | 92 | 282 | | | 0 | 22 | 25 | | - | 1 | 10 | 79 | 48 |
| Maine [§] Massachusetts | 1 | 2 | 6 | 100 | 15 | | 0 | 1 | 8 | 7 | | 0 | 3 | 23 | 2 |
| New Hampshire | | 0 | 5 7 | 54 | 3 | | 0 | 4 | 37 | 40 | 1 | 5 | 15 | 229 | 190 |
| Rhode Island ⁵ | - | 0 | 35 | 68 | 15 | | 0 | 2 | 2 | 2 | - | 1 | 2 | 31 | 13 |
| Vermont [§] | | 3 | 6 | 64 | 12 | | 0 | 1 | 4 | 4 | | 0 | 2 | 2 | 10 |
| Mid. Atlantic | 27 | 22 | 56 | 1,082 | 166 | 11 | 7 | 48 | 292 | 245 | 38 | 33 | 45 | 1,419 | 1,491 |
| New Jersey | | 1 | 8 | 86 | - | - | 1 | 5 | 45 | 48 | 3 | 4 | 12 | 196 | 193 |
| New York (Upstate) New York City | 19 | 3 8 | 12 27 | 130 | 66 | 2 | 2 | 19 | 93 | 108 | 4 | 2 | 11 | 110 | 99 |
| Pennsylvania | 6 | 8 | 22 | 465 401 | 14 86 | 9 | 1 | 24 | 108 46 | 74 | 23 | 18 | 31 | 804 | 912 |
| E.N. Central | 26 | 38 | 98 | 2,323 | 544 | 3 | 8 | 18 | 300 | 15 322 | -8 | 7 | 16 | 309 | 287 |
| Illinois | 2.0 | 1 | 7 | 83 | 344 | 3 | 2 | 5 | 76 | 54 | | 28 | 47 | 1,093 | 1,292 |
| Indiana | | 7 | 24 | 439 | 206 | | 1 | 6 | 38 | 67 | | 8 | 23 | 352 147 | 627 132 |
| Michigan | | 11 | 27 | 547 | 24 | | 2 | 6 | 71 | 60 | | 4 | 12 | 175 | 200 |
| Ohio | 26 | 18 | 49 | 970 | 314 | 3 | 2 | 6 | 82 | 105 | | 9 | 18 | 384 | 294 |
| Wisconsin | | 6 | 22 | 284 | | | 1 | 4 | 33 | 36 | | 1 | 3 | 35 | 39 |
| W.N. Central | 1 | 8 | 182 | 630 | 157 | | 2 | 12 | 112 | 154 | | 6 | 19 | 275 | 260 |
| lowa Kansas | | 0 | 0 7 | 77 | 51 | - | 0 | 0 | - | | - | 0 | 3 | 16 | 21 |
| Minnesota | | 0 | 179 | 287 | 39 | | 0 | 10 | 13 | 17 73 | | 0 2 | 3 9 | 17 | 28 |
| Missouri | 1 | 2 | 10 | 93 | 56 | | 1 | 3 | 33 | 40 | | 3 | 10 | 107 124 | 61 141 |
| Nebraska [§] | | 2 | .7 | 108 | 2 | | .0 | 2 | 13 | 11 | | 0 | 2 | 7 | 5 |
| North Dakota | - | 0 | 11 | 50 | 7 | | 0 | 1 | 2 | 4 | | 0 | 0 | - | 4 |
| South Dakota | - | 0 | 3 | 15 | 2 | | 0 | 2 | 7 | 9 | | 0 | 1 | 4 | |
| S. Atlantic | 40 | 49 | 144 | 2,675 | 1,101 | 7 | 12 | 28 | 446 | 464 | 22 | 57 | 218 | 2,453 | 2,797 |
| Delaware District of Columbia | 2 | 0 | 3 | 31 | 18 | _ | 0 | 0 | - | 3 | | 0 | 2 | 4 | 25 |
| Florida | 27 | 22 | 89 | 1,212 | 19 641 | 5 | 0 | 18 | 7 166 | 161 | 1 | 20 | 21 45 | 139 888 | 149 871 |
| Georgia | 3 | 10 | 28 | 437 | 327 | 1 | 3 | 12 | 121 | 129 | 4 | 12 | 167 | 498 | 668 |
| Maryland ⁵ | 3 | 7 | 31 | 415 | 4. | | 1 | 6 | 45 | 67 | 6 | 6 | 13 | 258 | 253 |
| North Carolina | _ | 0 | 0 | | | | 0 | 0 | | | 4 | 7 | 31 | 296 | 467 |
| South Carolina ⁵ Virginia ⁵ | 5 | 6 | 25 | 413 46 | | 1 | 1 | 4 | 44 44 | 41 | 6 | 2 | 7 | 128 | 102 |
| West Virginia | | 1 | 21 | 98 | 92 | | 0 | 4 | 19 | 39 19 | 1 | 4 | 22 | 238 | 258 |
| E.S. Central | 14 | 20 | 50 | 1,023 | 225 | 1 | 2 | 8 | 100 | 120 | 8 | 18 | 39 | 765 | 963 |
| Alabama ⁶ | | 0 | 0 | | | | 0 | 0 | 100 | 120 | | 5 | 11 | 208 | 373 |
| Kentucky | _ | 3 | 16 | 156 | 63 | | 0 | 2 | 13 | 8 | 4 | 2 | 13 | 111 | 55 |
| Mississippi | - | 1 | 6 | 46 | 44 | | 0 | 2 | 10 | 22 | 4 | -4 | 17 | 186 | 181 |
| Tennessee ⁵ | 14 | 15 | 44 | 821 | 118 | 1 | 2 | 7 | 77 | 90 | | 6 | 17 | 260 | 354 |
| W.S. Central | 22 | 24 | 91 | 1,487 | 101 | 2 | 5 | 41 | 236 | 288 | 14 | 38 | 61 | 1,529 | 2,362 |
| Arkansas ⁵ Louisiana | 4 | 2 | 9 8 | 139 71 | 46 | | 0 | 3 | 14 | 35 | 8 | 3 | 13 | 147 | 222 |
| Okiahoma | | 1 | 5 | 40 | 55 | | 0 | 3 | 21 40 | 23 52 | 3 | 7 | 26 | 347 | 656 |
| Texas [§] | 18 | 19 | 83 | 1,237 | | 2 | 3 | 34 | 161 | 178 | 3 | 25 | 34 | 72 963 | 78 1,406 |
| Mountain | 7 | 24 | 82 | 1,444 | 97 | 1 | 5 | 12 | 192 | 248 | | 9 | 23 | 400 | 449 |
| Arizona | 5 | 9 | 51 | 657 | | _ | 1 | 7 | 82 | 103 | | 3 | 7 | 124 | 200 |
| Colorado | | 8 | 20 | 431 | - | | 1 | 4 | 55 | 41 | | 2 | 8 | 105 | 82 |
| idaho [§] | 1 | 0 | 2 | 12 | _ | 1 | 0 | 2 | 6 | 7 | | 0 | 1 | 2 | 3 |
| Montana [§] Nevada [§] | | 0 | 2 | 17 65 | 35 | | 0 | 1 | 5 | 7 | | 0 | 1 | 2 | 2 |
| New Mexico ⁵ | | 2 | 9 | 124 | 23 | | 0 | 4 | 15 | 31 | | 1 | 9 | 94 39 | 83 50 |
| Utah | _ | 2 | 9. | 127 | 52 | | 0 | 4 | 25 | 57 | | 1 | 4 | 34 | 26 |
| Wyoming ⁹ | 1 | 0 | 1 | 11 | 10 | | 0 | 1 | 3 | 2 | | 0 | 0 | _ | 3 |
| Pacific | 3 | 5 | 14 | 249 | 3 | - | 0 | 7 | 30 | 27 | 19 | 42 | 60 | 1,797 | 1,807 |
| Alaska | - | 2 | 9 | 96 | | | 0 | 5 | 18 | 18 | - | 0 | 1 | 1 | |
| California Hawaii | 3 | 3 | 12 | 153 | - | | 0 | 2 | 12 | - | 13 | 36 | 54 | 1,554 | 1,608 |
| Oregon | | 0 | 0 | | 3 | | 0 | 0 | | 9 | - | 0 | 3 | 27 | 31 |
| Washington | | 0 | 0 | | | | 0 | 0 | | | 6 | 3 | 6 | 52 163 | 44 124 |
| Territories | | | | | | | | | | | 0 | 3 | 10 | 103 | 124 |
| American Samoa | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |
| C.N.M.I. | - | | | | - | | | | | | | 0 | 0 | | |
| Guam | | 0 | 0 | | | | 0 | 0 | | | - | 0 | 0 | | |
| Puerto Rico U.S. Virgin Islands | | 0 | 0 | | | | 0 | 0 | | | | 3 | 15 | 183 | 192 |
| U.S. VII GITTSIATIOS | | U | U | | | | 0 | 0 | | | | 0 | 0 | | |

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U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

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ProvisionalNationa%20NotifiableDiseasesSurveillanceData20100927.pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

I Includes drug resistant and susceptible cases of invasive Streptococcus pneumoniae disease among children <5 years and among all ages. Case definition: Isolation of S. pneumoniae from a normally sterile body site (e.g., blood or cerebrospinal fluid).

Contains data reported through the National Electronic Disease Surveillance System (NEDSS).

TABLE II. (Continued) Provisional cases of selected notifiable diseases, United States, weeks ending October 30, 2010, and October 31, 2009 (43rd week)*

| | | 15. | W- 1-1-1 | | | | | | | lest Nile viru | ra gracuae. | | | | |
|-------------------------------------|---------|-----------|--------------|----------------|----------------|---------|------------|-------------|------|----------------|-------------|------------|------------|------|------|
| | | | lla (chicker | npox)3 | | | Nei | uroinvasive | 2 | | - | Nonne | uroinvasiv | e¶ | |
| | Current | Previous | 52 weeks | Cum | Cum | Current | Previous : | 52 weeks | Cum | Cum | Current . | Previous 5 | 2 weeks | Cum | Cum |
| Reporting area | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 | week | Med | Max | 2010 | 2009 |
| United States | 152 | 306 | 547 | 11,717 | 17,633 | _ | 0 | 68 | 544 | 384 | | 0 | 51 | 350 | 334 |
| New England | 3 | 15 | 36 | 607 | 916 | | 0 | 3 | 13 | | | 0 | 1 | 2 | - |
| Connecticut | 1 | 6 | 20 | 256 | 424 | | 0 | 2 | 6 | | | 0 | 1 | 1 | |
| Maine ⁹ Massachusetts | | 3 | 15 | 182 | 194 | | 0 | 0 | | | | 0 | 0 | | |
| New Hampshire | | 0 2 | 0 | 114 | 177 | | 0 | 2 | 6 | | | 0 | 1 | 1 | |
| Rhode Island ⁶ | | î | 12 | 27 | 33 | | 0 | 0 | | | | 0 | 0 | | |
| Vermont ⁶ | 2 | 0 | 10 | 28 | 84 | | 0 | 0 | | | | 0 | 0 | | |
| Mid. Atlantic | 24 | 31 | 62 | 1,312 | 1,776 | | 0 | 19 | 123 | 9 | | 0 | 13 | 62 | 1 |
| New Jersey | 1 | 8 | 30 | 448 | 378 | | 0 | 3 | 14 | 3 | | 0 | 6 | 15 | _ |
| New York (Upstate) | N | 0 | 0 | N | N | | 0 | 9 | 57 | 3 | | 0 | 7 | 30 | 1 |
| New York City Pennsylvania | 23 | 21 | 0 39 | 864 | 1.398 | | 0 | 7 | 32 | 3 | | .0 | -4 | 8 | |
| | | | | | | | 0 | 3 | 20 | | | 0 | 3 | 9 | |
| E.N. Central Illinois | 47 | 103 23 | 176 | 3,905 1,007 | 5,496 1,356 | | 0 | 14 | 65 | 9 | - | 0 | 6 | 28 | -4 |
| Indiana ⁶ | 8 | 6 | 35 | 352 | 388 | | 0 | 10 | 35 | 5 2 | | 0 | 4 | 15 | _ |
| Michigan | | 31 | 62 | 1,140 | 1,610 | | 0 | 6 | 25 | 1 | | 0 | 1 | 6 | 2 |
| Ohio | 37 | 29 | 56 | 1,121 | 1,638 | | 0 | 1 | 3 | _ | | 0 | 1 | 1 | 2 |
| Wisconsin | | 7 | 22 | 285 | 504 | | 0 | 0 | _ | 1 | | 0 | 1 | 2 | _ |
| W.N. Central | 6 | 15 | 40 | 657 | 1,111 | | 0 | 7 | 27 | 26 | | 0 | 9 | 62 | 75 |
| lowa | N | 0 | 0 | N | N | | 0 | 1 | 2 | | | 0 | 2 | 4 | 5 |
| Kansas ⁵ Minnesota | | 6 | 22 | 222 | 471 | | 0 | 1 | 2 | 4 | | 0 | 2 | 5 | 9 |
| Missouri | 6 | 0 7 | 23 | 359 | 531 | | 0 | 1 | 4. | 1 | | 0 | 2 | 3 | 3 |
| Nebraska [®] | N | ó | 0 | N | N | | 0 | 3 | 10 | 11 | | 0 | 7 | 27 | 1 |
| North Dakota | | 0 | 26 | 37 | 57 | | 0 | 2 | 2 | - 11 | | 0 | 2 | 7 | 41 |
| South Dakota | | 0 | 6 | 39 | 52 | | 0 | 2 | 4 | 6 | | 0 | 3 | 16 | 15 |
| S. Atlantic | 24 | 35 | 98 | 1,783 | 2,267 | | 0 | 4 | 31 | 16 | | 0 | 4 | 18 | 2 |
| Delaware ⁶ | | 0 | 3 | 18 | 11 | | 0 | 0 | | | | 0 | 0 | - | ~ |
| District of Columbia | - | 0 | 4 | 17 | 27 | | 0 | 1 | 1 | 2 | | 0 | 1 | 1 | _ |
| Florida ⁹ Georgia | 15 N | 15 | 57 | 871 | 1.032 | | 0 | 2 | 8 | 2 | | 0 | 1 | 3 | 1 |
| Maryland [§] | N N | 0 | 0 | N N | N N | | 0 | 1 | 15 | 4 | | 0 | 3 | 8 | |
| North Carolina | N | 0 | 0 | N | N | | 0 | 0 | 15 | | | 0 | 2 | 6 | 1 |
| South Carolina® | | 0 | 35 | 75 | 111 | | 0 | 1 | 1 | 3 | | 0 | 0 | | |
| Virginia ⁹ | 3 | 11 | 34 | 420 | 648 | | 0 | 1 | 2 | 5 | | 0 | 0 | | |
| West Virginia | 6 | 8 | 26 | 382 | 438 | | 0 | 0 | | - | | .0 | 0 | | |
| E.S. Central | 1 | 6 | 22 | 255 | 476 | | 0 | 1 | 8 | 36 | | 0 | 3 | 9 | 27 |
| Alabama ³ | 1 | S | 22 | 248 | 471 | | 0 | 1 | 1 | | | 0 | 1 | 2 | |
| Kentucky Mississippi | N | 0 | 0 2 | N | N 5 | | 0 | 1 | 2 | 3 | | 0 | 1 | 1 | |
| Tennessee ⁹ | N | 0 | 0 | N | N | | 0 | 1 | 3 2 | 29 | | 0 | 2 | 4 | 22 |
| W.S. Central | 25 | 49 | 285 | 2,300 | 4,327 | | 0 | 15 | | | | 0 | 2 | 2 | 5 |
| Arkansas ⁵ | 43 | 2 | 32 | 122 | 433 | | 0 | 3 | 81 | 117 | | 0 | 3 | 1.4 | 35 |
| Louisiana | | 1 | 5 | 40 | 119 | | 0 | 3 | 14 | 10 | | 0 | 1 | 6 | 3.7 |
| Oklahoma | N | 0 | 0 | N | N | | 0 | 0 | | 8 | | 0 | 0 | _ | 2 |
| Texas ⁹ | 25 | -41 | 272 | 2,138 | 3,775 | | 0 | 15 | 61 | 93 | | 0 | 2 | 8 | 22 |
| Mountain | 22 | 20 | 36 | 854 | 1,171 | | 0 | 18 | 139 | 77 | | 0 | 15 | 120 | 123 |
| Arizona | 10 | 0 | 0 | - | | | 0 | 13 | 93 | 12 | | 0 | 9 | 55 | 8 |
| Colorado ⁵ | 18 | 8 | 16 | 348 | 455 | | 0 | 5 | 26 | 36 | | 0 | 11 | 53 | 67 |
| Montana ⁵ | N | 0 | 17 | N 168 | N 136 | | 0 | 0 | | 9 | | 0 | 1 | 1 | 29 |
| Nevada [§] | N. | 0 | 0 | N | N. | | 0 | 0 | | 2 7 | | 0 | 0 | 2 | 3 |
| New Mexico ⁵ | 1 | 2 | 8 | 88 | 100 | | 0 | 5 | 17 | 6 | | 0 | 2 | 4 | 5 |
| Utah | 3 | 5 | 17 | 237 | 480 | | 0 | 1 | 1 | 1 | | 0 | î | 1 | 1 |
| Wyoming [®] | | 0 | 3 | 13 | | | 0 | 1 | 2 | 4 | | 0 | 1 | 4 | 8 |
| Pacific | | 1 | 5 | -44 | 93 | | 0 | 7 | 57 | 94 | | 0 | 5 | 35 | 67 |
| Alaska | | 0 | 5 | 33 | 55 | | 0 | 0 | | | | 0 | 0 | _ | - |
| California Hawaii | | 0 | 0 | - | - | | 0 | 7 | 57 | 67 | | 0 | 5 | 35 | 45 |
| Oregon | N | 0 | 2 | 11 N | 38 | _ | 0 | 0 | | | | 0 | 0 | | - |
| Washington | N N | 0 | 0 | N | N N | | 0 | 0 | | 1 26 | | 0 | 0 | - | 10 |
| Territories | | | | 1.5 | | | Ü | U. | | 20 | | 0 | 0 | | 12 |
| American Samoa | N | 0 | 0 | N | N | | 0 | 0 | | | | | 0 | | |
| C.N.M.J. | | - | - | 14 | 14 | | U | 0 | | | | 0 | 0 | | |
| Guam | | 0 | 3 | 15 | 23 | | 0 | 0 | | | | 0 | 0 | | |
| Puerto Rico | | 9 | 30 | 486 | 477 | | 0 | 0 | | | | 0 | 0 | | |
| U.S. Virgin Islands | | 0 | 0 | | | | 0 | 0 | | | | 0 | 0 | | |

C.N.M.L. Commonwealth of Northern Mariana Islands.
U: Unavailable. —: No reported cases. N: Not reportable. NN: Not Nationally Notifiable. Cum: Cumulative year-to-date counts. Med: Median. Max: Maximum.

"Case counts for reporting year 2010 are provisional and subject to change. For further information on interpretation of these data, see http://www.cdc.gov/ncphi/disss/nndss/phs/files/
ProvisionalNationaria/20NotifiableDiseasesSurveillanceData20100927_pdf. Data for HIV/AIDS, AIDS and TB, when available, are displayed in Table IV, which appears quarterly.

"Updated weekly from reports to the Division of Vector-Borne Infectious Diseases, National Center for Zoonotic, Vector-Borne, and Enteric Diseases (ArboNET Surveillance). Data for California serogroup, eastern equine, Powassan, St. Louis, and western equine diseases are available in Table I.

"Contains data reported through the National Electronic Disease Surveillance System (INEDSS).

Not reportable in all states. Data from states where the condition is not reportable are excluded from this table, except starting in 2007 for the domestic arboviral diseases and influenza-associated pediatric mortality, and in 2003 for SARS-CoV. Reporting exceptions are available at http://www.cdc.gov/ncphi/disss/nndss/phs/infdis.htm.

TABLE III. Deaths in 122 U.S. cities,* week ending October 30, 2010 (43rd week)

| Boston, MA 158 99 Bridgeport, CT 36 31 Fall River, MA 21 18 Fall River, MA 21 18 Fall River, MA 25 15 Hartford, CT 64 40 Lowell, MA 20 16 Lynn, MA 7 33 New Bedford, MA 44 34 New Haven, CT 46 33 Fornyidence, RI 51 39 Somerville, MA 1 1 19 Somerville, MA 1 1 10 South Bend, IN 1 10 South Bend | | | ge (years) | | | | | | | | ge (years | | | |
|--|----------|------------------|------------|------|----|------------------|----------------------|--------|-------|-------|-----------|------|-----|-------|
| New England Boston, MA 158 99 | | | | | | P&I [†] | | All | | | | | | P&I† |
| Boston, MA 158 99 Bridgeport, CT 36 31 Bridgeport, CT 36 31 Fall River, MA 21 18 Fall River, MA 25 15 Hartford, CT 64 40 Lowell, MA 20 16 Lynn, MA 7 33 New Bedford, MA 44 34 New Haven, CT 46 33 Somerville, MA 1 1 39 Frovidence, RI 51 39 Somerville, MA 1 1 29 Waterbury, CT 22 17 Worcester, MA 59 49 Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Albany, NY 48 36 Albany, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Frie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 99 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Pritsburgh, PA 130 71 Prochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 22 Akron, OH 47 26 Canton, OH 48 43 Cieveland, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evanswille, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 26 17 Rockford, IL 41 27 Rockford, IL 41 27 Rockford, IL 41 27 Rockford, IL 50 Uniuth, MN 30 24 | ≥65 45-6 | ng area Age | 25-44 | 1-24 | <1 | Total | Reporting area | Ages | ≥65 | 45-64 | 25-44 | 1-24 | <1 | Total |
| Bridgeport, CT 36 31 Cambridge, MA 21 18 Fall River, MA 25 15 Hartford, CT 64 40 Lowell, MA 20 16 Lynn, MA 7 38 New Bedford, MA 44 34 New Haven, CT 46 33 Providence, RI 51 39 Somerville, MA 1 1 Springfield, MA 47 29 Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Allbany, NY 48 36 Allbany, NY 48 36 Allentown, PA 33 22 Buffalo, NY 48 36 Camden, NJ 18 10 Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 <td>424 125</td> <td>gland 60</td> <td>33</td> <td>11</td> <td>8</td> <td>43</td> <td>S. Atlantic</td> <td>1,072</td> <td>677</td> <td>273</td> <td>80</td> <td>19</td> <td>23</td> <td>67</td> | 424 125 | gland 60 | 33 | 11 | 8 | 43 | S. Atlantic | 1,072 | 677 | 273 | 80 | 19 | 23 | 67 |
| Cambridge, MA 21 18 Fall River, MA 25 18 Fall River, MA 25 11 Fall River, MA 25 16 Lowell, MA 20 16 Lynn, MA 7 33 New Bedford, MA 44 34 New Haven, CT 46 33 Providence, RI 51 39 Somerville, MA 1 1 Springfield, MA 47 29 Waterbury, CT 22 17 Worcester, MA 59 49 Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Allentown, PA 33 22 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Frie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 New York City, NJ 14 99 Philadelphia, PA 130 71 Paterson, NJ 14 99 Philadelphia, PA 30 71 Reading, PA 21 17 Rochester, NY 78 49 Sychenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Syracuse, NY 70 55 Syracus | 99 43 | n, MA 15 | 8 | 4 | 4 | 15 | Atlanta, GA | 129 | 77 | 38 | 10 | 3 | 1 | |
| Fall River, MA 25 15 Hartford, CT 64 40 Lowell, MA 20 16 Lynn, MA 20 16 Lynn, MA 7 33 New Bedford, MA 44 34 New Haven, CT 46 33 Somerville, MA 1 1 39 Somerville, MA 1 1 39 Somerville, MA 1 1 39 Waterbury, CT 22 17 Worcester, MA 59 49 Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Albany, NY 48 36 Albany, NY 48 36 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 11 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 99 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Pritsburgh, PA 32 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 22 Vorental 2,053 1,362 Akron, OH 47 266 Akron, OH 47 266 Lonicinati, OH 78 43 Cleveland, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evanswille, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 26 17 Voungstown, OH 40 35 W.N. Central 826 537 Doublth, MN 30 24 W.N. Central 826 537 Doublth, MN 30 24 | 31 4 | eport, CT 3 | 1 | | | 1 | Baltimore, MD | 143 | 78 | 47 | 12 | 2 | 4 | |
| Hartford, CT | 18 2 | ridge, MA 2 | 1 | | | 3 | Charlotte, NC | 125 | 91 | 18 | 12 | 2 | 2 | 16 |
| Hartford, CT Lowell, MA Lowell, MA Lowell, MA Lowell, MA Zo Lowell, MA Zo Lowell, MA Zo Lowell, MA Zo Rew Bedford, MA Xow Haven, CT Zo Somerville, MA Zo Waterbury, CT Zo Zo Worcester, MA Zo Waterbury, CT Zo Zo Worcester, MA Zo Wid. Atlantic Zo Zo Zo Wid. Atlantic Zo | 15 7 | ver, MA 2 | 3 | | | 1 | Jacksonville, FL | 166 | 116 | 33 | 9 | 3 | 5 | 1 |
| Lynn, MA 7 33 New Bedford, MA 44 34 New Bedford, MA 44 33 New Haven, CT 46 33 Somerville, MA 1 1 39 Somerville, MA 1 1 29 Somerville, MA 1 1 29 Waterbury, CT 22 17 Worcester, MA 59 49 Wid. Atlantic 1,809 1,260 Albany, NY 48 36 Albany, NY 48 36 Allentown, PA 33 22 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Perie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Philadelphia, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 22 Vitica, NY 16 12 Vorkers, NY 19 14 E.N. Central 2,053 1,362 Akron, OH 47 266 Canton, OH 33 19 Cleveland, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evanswille, IN 50 26 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 26 17 Rockford, IL 41 27 Rockford, IL 41 27 Rockford, IL 41 27 Rockford, IL 50 Uluth, MN 30 24 W.N. Central 826 537 Doublyth, MN 30 24 | 40 16 | | 7 | 1 | | 4 | Miami, FL | 102 | 65 | 27 | 9 | 1 | 3 | 1 |
| Lynn, MA 7 33 New Bedford, MA 44 34 New Haven, CT 46 33 Providence, RI 51 39 Somerville, MA 1 1 Springfield, MA 47 29 Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Albany, NY 48 36 Albany, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Elizabeth, NJ 20 10 Price, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Philadelphia, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Trenton, NJ 30 22 Syracuse, NY 70 53 Trenton, NJ 30 22 Voracuse, NY 70 53 Trenton, NJ 30 24 Lica, NY 16 12 Chicago, IL 265 Akron, OH 47 266 Canton, OH 47 266 Canton, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 26 Gary, IN 26 16 Gary, IN 27 Rockford, IL 41 27 Rockford, IL 40 Rouldth, MN 30 24 | 16 2 | I, MA | 2 | | | 1 | Norfolk, VA | 42 | 28 | 12 | 2 | | | |
| New Bedford, MA New Haven, CT A6 New Haven, CT A6 Signer Ville, MA A1 Springfield, MA A7 Springfield, MA A8 A6 A1 | | | 1 | | | | Richmond, VA | 56 | 35 | 12 | 7 | 1 | | |
| New Haven, CT 46 33 Providence, RI 51 39 Somerville, MA 1 1 1 Springfield, MA 47 29 Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Allentown, PA 33 22 Buffalo, NY 66 41 Camden, NJ 18 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 New York City, NJ 14 10 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Reading, PA 21 17 Rochester, NY 78 49 Reading, PA 21 17 Rochester, NY 78 49 Syracuse, NY 70 53 Syracuse, NY 70 53 Syracuse, NY 70 53 Syracuse, NY 10 14 EN. Central 2,053 1,362 EN. Central 33 19 Evansville, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 164 74 Evansville, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 104 Fort Wayne, IN 69 50 Gary, IN 26 16 Fort Wayne, IN 69 50 Fort Wayne, IN 69 | | | 1 | 1 | | 1 | Savannah, GA | 54 | | | , | | 1 | |
| Providence, RI 51 39 Somerville, MA 1 1 Springfield, MA 47 29 Waterbury, CT 22 17 Worcester, MA 59 49 Wid, Atlantic 1,809 1,260 Albany, NY 48 36 Allentown, PA 33 32 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Frie, PA 42 33 Jersey City, NJ 14 10 Newark, NJ 30 11 Perie, PA 42 33 Jersey City, NJ 14 9 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Phitsburgh, PA [§] 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 <t< td=""><td></td><td></td><td>2</td><td>2</td><td>2</td><td>6</td><td>St. Petersburg, FL</td><td></td><td>38</td><td>14</td><td>1</td><td>1</td><td>-</td><td></td></t<> | | | 2 | 2 | 2 | 6 | St. Petersburg, FL | | 38 | 14 | 1 | 1 | - | |
| Somerville, MA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | 3 | - | ~ | | | 47 | 25 | 15 | 3 | 1 | 3 | |
| Springfield, MA 47 29 Waterbury, CT 22 1 Waterbury, CT 22 1 Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Allentown, PA 33 22 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newars, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Pittsburgh, PA ⁵ 32 19 Reading, PA 21 17 Rochester, NY 78 49 Scrause, NY 70 53 Syracuse, NY 70 53 Trenton, NJ 30 23 Trenton, NJ 30 | | | 3 | | | 2 | Tampa, FL | 95 | 56 | 26 | 9 | | 4 | |
| Waterbury, CT 22 17 Worcester, MA 59 49 Mid. Atlantic 1,809 49 Albany, NY 48 36 Albany, NY 48 36 Allentown, PA 33 32 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 16 Erie, PA 42 33 Jersey City, NJ 14 10 Newark, NJ 10 14 Paterson, NJ 14 9 Philadelphia, PA 130 71 Phitsburgh, PA ⁵ 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Syracuse, NY 70 53 Trenton, NJ 30 22 Yonkers, NY 19 14 Yonkers, NY 19 14 Yonkers, NY 19 14 | | | | | - | | Washington, D.C. | 100 | 58 | 29 | 5 | 5 | 3 | |
| Worcester, MA 59 49 Mid. Atlantic 1,809 1,260 Mid. Atlantic 1,809 1,260 Albany, NY 48 36 Allentown, PA 33 22 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Phitsburgh, PA 32 19 Phitsburgh, PA 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Trenton, NJ 30 22 Syracuse, NY 70 53 Trenton, NJ 30 23 Uttica, NY 16 12 Vonkers, NY 19 14 EN. Central 2,053 1,360 Akron, OH 47 26 Canton, OH 33 19 Chicago, IL 245 175 Concinnati, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 22 Fort Wayne, IN 69 50 Gary, IN 26 16 Gray, IN 27 Gray, IN 26 Gray, IN 27 Gray, IN 26 Gray, IN 27 Gray, IN 26 Gray, IN 26 Gray, IN 27 Gray, IN 26 Gray, IN 27 Gray, IN 27 Gray, IN 27 Gray, IN 28 Gray, IN 29 Gray, IN 29 Gray, IN 29 Gray, IN 29 Gray, IN 26 Gray, IN 26 Gray, IN 27 Gray, IN 27 Gray, IN 27 Gray, IN 27 Gray, IN 28 Gray, IN 29 Gray, IN 2 | | | 4 | 1 | 2 | - | Wilmington, DE | 13 | 10 | 2 | 1 | | | |
| Mid. Atlantic | | | | - | | 2 | E.S. Central | 825 | 560 | 189 | 44 | 14 | 18 | 66 |
| Albany, NY Allentown, PA Allentown, PA Allentown, PA Allentown, PA Buffalo, NY 66 41 Camden, NJ Elizabeth, NJ 20 10 Elizabeth, NJ Erie, PA 42 33 Jersey City, NJ New York City, NY New York City, NY 1,074 772 Newark, NJ 10 Paterson, NJ Philadelphia, PA 130 71 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Phitsburgh, PA 130 71 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 22 Scranton, PA 32 70 Syracuse, NY 70 53 Trenton, NJ 30 23 Voltica, NY 16 12 Vonkers, NY 19 14 Akron, OH 47 26 Canton, OH 47 26 Canton, OH 33 19 Cleveland, OH Columbus, OH Detroit, MI Evansville, IN 50 Gary, IN Grand Rapids, MI 61 42 Rockford, IL Rockford, IL South Bend, IN 50 24 Nougstown, OH Voungstown, OH Vo | | | | 2 | | 7 | Birmingham, AL | 144 | 103 | 31 | 6 | 2 | 2 | 11 |
| Allentown, PA 33 22 Buffalo, NY 66 41 Camden, NJ 18 10 Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Pittsburgh, PA ⁵ 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 23 Uttica, NY 16 12 Vonkers, NY 19 14 EM. Central 2,053 1,360 Cincinnati, OH 47 26 Canton, OH 33 19 Chicago, IL 245 175 Cincinnati, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 22 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 62 Grand Rapids, MI 63 Grand Rapids, MI 64 74 Evansville, IN 50 25 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 61 43 Milwaukee, WI 110 64 Fooria, IL 41 22 Rockford, IL 50 Les Moines, IA 100 W.N. Central 826 537 Des Moines, IA 100 W.N. Central 826 537 Des Moines, IA 100 W.N. Central 826 537 Des Moines, IA 100 Bes Moines, IA | | | 79 | 27 | 22 | 92 | Chattanooga, TN | 75 | 52 | 19 | 4 | | _ | |
| Buffalo, NY 66 41 Camden, NJ 18 10 Camden, NJ 18 10 Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 79 Phitaburgh, PAS 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Scranton, PA 32 27 Scranton, PA 32 27 Syracuse, NY 70 53 Syracuse, NY 70 53 Syracuse, NY 16 12 Yorkers, NY 19 14 E.N. Central 2,053 1,362 Akron, OH 47 26 Canton, OH 33 19 Canton, OH 33 19 Canton, OH 34 43 Cleveland, OH 266 19 Cleveland, OH 266 19 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 26 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 164 74 Evansville, IN 50 59 Fort Wayne, IN 69 50 Grand Rapids, MI 10 Gary, IN 26 16 Grand Rapids, MI 10 Gary, IN 26 57 Fort Wayne, IN 69 50 Grand Rapids, MI 10 Gary, IN 26 16 Grand Rapids, MI 10 Gary, IN 26 57 Grand Rapids, MI 10 Gary, IN 26 57 Grand Rapids, MI 10 Gary, IN 26 57 Grand Rapids, MI 100 Gary, IN 26 57 Grand Rapids, MI 100 Gary, IN 26 16 Grand Rapids, MI 100 Gary, IN 26 Grand Rapids, MI 215 Grand Rapids, MI 225 Grand Rapids, MI 23 Grand Rapids, MI 23 Grand Rapids, MI 24 Grand Rapids, MI 24 Grand Rapids, MI 25 | 36 7 | | 1 | | 4 | 3 | Knoxville, TN | 108 | 83 | 14 | 9 | 1 | 1 | 3 (|
| Camden, N.J. 18 10 Elizabeth, N.J. 20 10 Elizabeth, N.J. 20 11 Erie, P.A. 42 33 Jersey City, N.J. 14 10 New York City, N.Y. 1,074 772 Newark, N.J. 30 11 Paterson, N.J. 14 99 Philadelphia, P.A. 130 71 Pittsburgh, P.A. 130 71 Reading, P.A. 21 17 Rochester, N.Y. 78 49 Schenectady, N.Y. 22 27 Scranton, P.A. 32 27 Syracuse, N.Y. 70 53 Trenton, N.J. 30 23 Utica, N.Y. 16 12 Yonkers, N.Y. 19 14 E.N. Central 2,053 1,362 Akron, OH 47 266 Canton, OH 33 19 Cleveland, OH 266 191 Columbus, OH 212 137 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, M. 164 74 Evansville, IN 50 28 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 27 Rockford, IL 41 27 Rockford, IL 41 27 Rockford, IL 61 42 Rockford, IN 56 40 Rockford, IN 56 40 Rockford, IN 56 57 Rockford, IN 5 | 22 8 | | 2 | 1 | | | Lexington, KY | 65 | 50 | 11 | 3 | | 1 | |
| Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Pittsburgh, PA 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 22 Syracuse, NY 70 53 Trenton, NJ 30 23 Uttica, NY 16 12 Vonkers, NY 19 14 E.N. Central 2,053 1,360 Akron, OH 47 26 Canton, OH 33 19 Chicago, IL 245 175 Cincinnati, OH 266 191 Columbus, OH 212 137 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 22 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 62 46 Indianapolis, IN 26 16 Grand Rapids, MI 63 48 Milwaukee, WI 110 64 Pooria, IL 41 27 Rockford, IL 50 Voungstown, OH 40 33 Milwaukee, WI 110 64 Voungstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 83 Des Moines, IA 110 88 | 41 18 | o, NY 6 | 5 | | 2 | 4 | Memphis, TN | 154 | 105 | 37 | 5 | 4 | 3 | 1 |
| Elizabeth, NJ 20 10 Erie, PA 42 33 Jersey City, NJ 14 10 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 71 Pittsburgh, PA ⁵ 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 23 Uttica, NY 16 12 Vonkers, NY 19 14 E.N. Central 2,053 1,360 L. 245 Cincinnati, OH 47 26 Canton, OH 33 19 Chicago, IL 245 175 Cincinnati, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 62 46 Indianapolis, IN 26 16 Grand Rapids, MI 63 43 Milwaukee, WI 110 64 Rockford, IL 41 22 Rockford, IL 61 42 Rockford, IN 56 44 RN. Central 826 537 Dolutth, MN 30 24 | 10 8 | en, NJ 1 | | | | | Mobile, AL | 81 | 57 | 15 | 3 | 1 | 5 | |
| Erie, PA 42 33 Jersey City, NJ 14 10 Jersey City, NJ 14 17 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 9 Philadelphia, PA 130 79 Philadelphia, PA 130 79 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Scranton, PA 32 27 Scranton, PA 32 27 Strenton, NJ 30 23 Trenton, NJ 30 23 Lutica, NY 16 12 Yonkers, NY 19 14 EN. Central 2,053 1,362 Akron, OH 47 26 Canton, OH 33 19 Cleveland, OH 266 191 Clicinnati, OH 78 43 Cleveland, OH 266 191 Columbus, OH 212 137 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 62 46 Indianapolis, IN 215 145 Lansing, MI 43 30 Milwaukee, WI 110 64 Voungstown, OH 95 74 Des Moines, IA 110 Des Moines, IA 110 Des Moines, IA 110 Des Moines, IA 110 Delduth, MN 30 24 | 10 6 | | 1 | 2 | 1 | 1 | Montgomery, AL | 35 | 19 | 12 | 2 | 3 | 1 | |
| Jersey City, NJ 14 10 New York City, NY 1,074 772 New York City, NY 1,074 772 Newark, NJ 30 11 Paterson, NJ 14 99 Philadelphia, PA 130 71 Reading, PA 130 71 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Scranton, PA 32 27 Scranton, PA 32 27 Strenton, NJ 30 23 Trenton, NJ 30 23 Trenton, NJ 30 23 Litica, NY 16 12 Yorkers, NY 19 14 EN. Central 2,053 1,362 Akron, OH 47 266 Canton, OH 33 19 Cleveland, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 28 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 26 16 Gary, IN 26 16 Gary, IN 27 Grand Rapids, MI 43 30 Milwaukee, WI 110 Rockford, IL 41 27 Rockford, IL 61 42 Rockford, IL 61 43 Rockford, IL 61 4 | 33 8 | | | 1 | _ | 3 | Nashville, TN | 163 | 91 | 50 | 12 | 5 | 5 | |
| New York City, NY Newark, NJ Newark, NP Newa | | | 2 | | | - | W.S. Central | 1,288 | 805 | 299 | | | | 1 |
| Newark, NJ 30 111 Paterson, NJ 14 9 Paterson, NJ 14 9 Paterson, NJ 14 9 Paterson, NJ 14 9 Philadelphia, PA 130 71 Pittsburgh, PA\$ 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 23 Utica, NY 16 12 Yonkers, NY 19 14 E.N. Central 2,053 1,362 Akron, OH 47 26 Canton, OH 33 19 Chicago, IL 245 175 Cincinnati, OH 78 43 Cleveland, OH 266 191 Columbus, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 62 46 Indianapolis, IN 215 145 Lansing, MI 43 30 Milwaukee, WI 110 64 Pooria, IL 41 27 Rockford, IL 61 42 Rockford, IL 61 43 Rockford, IL | | | 42 | 11 | 6 | 50 | | | | | 113 | 38 | 33 | 7 |
| Paterson, NJ 14 99 Philadelphia, PA 130 71 Philadelphia, PA 130 71 Reading, PA 32 19 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 23 Trenton, NJ 30 23 Trenton, NJ 30 23 Lutica, NY 16 12 Yonkers, NY 19 14 EN. Central 2,053 1,362 Akron, OH 47 26 Canton, OH 33 19 Cleveland, OH 266 191 Columbus, OH 212 137 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 25 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 26 16 Gary, IN 27 Grand Rapids, MI 62 46 Indianapolis, IN 215 145 Lansing, MI Milwaukee, WI 110 64 Pooria, IL 41 27 Rockford, IL 50 Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 Duluth, MN 30 24 | | | 3 | 11 | 0 | | Austin, TX | 90 | 46 | 28 | 9 | 4 | 3 | |
| Philadelphia, PA Pittsburgh, PA ⁵ Reading, PA Reading, PA Rochester, NY | | | | - | | 2 | Baton Rouge, LA | 86 | 56 | 13 | 9 | 5 | 3 | |
| Pittsburgh, PA [§] 32 19 Reading, PA 21 1 Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 23 Utica, NY 16 12 Yonkers, NY 19 14 E.N. Central 2.053 1,362 Akron, OH 47 26 Canton, OH 33 19 Cinclin, OH 78 43 Cleveland, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 29 Fort Wayne, IN 69 50 Gary, IN 26 16 Grand Rapids, MI 62 46 Indianapolis, IN 215 1 | | | 2 | 1 | | 1 | Corpus Christi, TX | 48 | 32 | 15 | | 1 | | |
| Reading, PA 21 17 Rochester, NY 78 49 Schenectady, NY 22 21 Scranton, PA 32 27 Syracuse, NY 70 53 Trenton, NJ 30 23 Utica, NY 16 12 Yonkers, NY 19 14 En. Central 2,053 1,362 Akron, OH 47 26 Canton, OH 33 19 Chicago, IL 245 175 Cincinnati, OH 78 43 Cleveland, OH 266 191 Columbus, OH 212 137 Dayton, OH 140 99 Detroit, MI 164 74 Evansville, IN 50 50 Fort Wayne, IN 69 50 Gary, IN 26 16 Gary, IN 26 16 Gary, IN 215 145 Lansing, MI 43 30 | | | 5 | 7 | 5 | 2 | Dallas, TX | 185 | 110 | 42 | 23 | 2 | 8 | |
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| Gary, IN 26 16 Grand Rapids, MI 62 46 Indianapolis, IN 215 145 Lansing, MI 43 30 Milwaukee, WI 110 64 Peoria, IL 41 27 Rockford, IL 61 42 South Bend, IN 56 40 Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 82 Duluth, MN 30 24 | 50 14 | | 3 | 1 | 1 | 2 | Pacific | 1.628 | 1,135 | 354 | | 24 | 26 | |
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| Milwaukee, WI 110 64 Peoria, IL 41 27 Rockford, IL 61 42 South Bend, IN 56 40 Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 83 Duluth, MN 30 24 | | - Production and | 11 | 2 | 10 | 8 | Glendale, CA | -41 | 25 | 13 | 3 | | | 1 |
| Peoria, IL 41 27 Rockford, IL 61 42 South Bend, IN 56 40 Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 82 Duluth, MN 30 24 | | | 3 | | | 5 | Honolulu, HI | 50 | 33 | 10 | 5 | 1 | 1 | |
| Rockford, IL 61 42 South Bend, IN 56 40 Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 83 Duluth, MN 30 24 | 64 32 | | 10 | 2 | 2 | 4 | Long Beach, CA | 61 | 47 | 10 | 3 | | 1 | |
| South Bend, IN 56 40 Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 83 Duluth, MN 30 24 | 27 8 | | 2 | 4 | | 8 | Los Angeles, CA | 223 | 149 | 51 | 16 | 4 | 3 | 2 |
| Toledo, OH 95 74 Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 83 Duluth, MN 30 24 | 42 15 | | 2 | 1 | 1 | 2 | Pasadena, CA | 17 | 11 | 6 | | | | |
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| Youngstown, OH 40 35 W.N. Central 826 537 Des Moines, IA 110 83 Duluth, MN 30 24 | 74 13 | o, OH | 4 | 3. | 1 | 6 | Sacramento, CA | 237 | 159 | 59 | 10 | 5 | 4 | 1 |
| W.N. Central 826 537 Des Moines, IA 110 83 Duluth, MN 30 24 | 35 5 | gstown, OH | | | | 4 | San Diego, CA | 141 | 96 | 27 | 14 | - | 4 | 1 |
| Des Moines, IA 110 83 Duluth, MN 30 24 | 537 198 | | 53 | 20 | 18 | 51 | San Francisco, CA | 120 | 80 | 28 | 9 | 1 | 4 | |
| Duluth, MN 30 24 | | | 5 | 3 | 3 | | | | | | | | 2 | 1 |
| | | | 3 | 3 | 2 | 3 | San Jose, CA | 191 | 142 | 40 | 5 | 3 | 1 | 1 |
| | | | - | | - | 4 | Santa Cruz, CA | 34 | 23 | 8 | 3 | | | |
| | 17 12 | | 3 | 1 | 1 | 2 | Seattle, WA | 95 | 67 | 24 | 2 | | 2 | |
| | 67 35 | | 10 | 4 | 4 | 7 | Spokane, WA | 55 | 39 | 11 | 4 | 1 | | |
| | 39 10 | | 3 | | - | 3 | Tacoma, WA | 122 | 89 | 23 | 3 | 5 | 2 | |
| | 35 14 | | 3 | - | 1 | 6 | Total [¶] | 11,203 | 7,478 | 2,615 | 674 | 219 | 215 | 72 |
| Omaha, NE 91 64 | 64 23 | na, NE | 3 | 1 | | 7 | | | | .,.,. | | | 200 | |
| | 109 60 | uis, MO 20 | 21 | 9 | 7 | 9 | | | | | | | | |
| | 34 11 | | 1 | 3 | 1 | 6 | | | | | | | | |
| | 65 10 | | 4 | | 2 | 4 | | | | | | | | |

U: Unavailable. —: No reported cases.

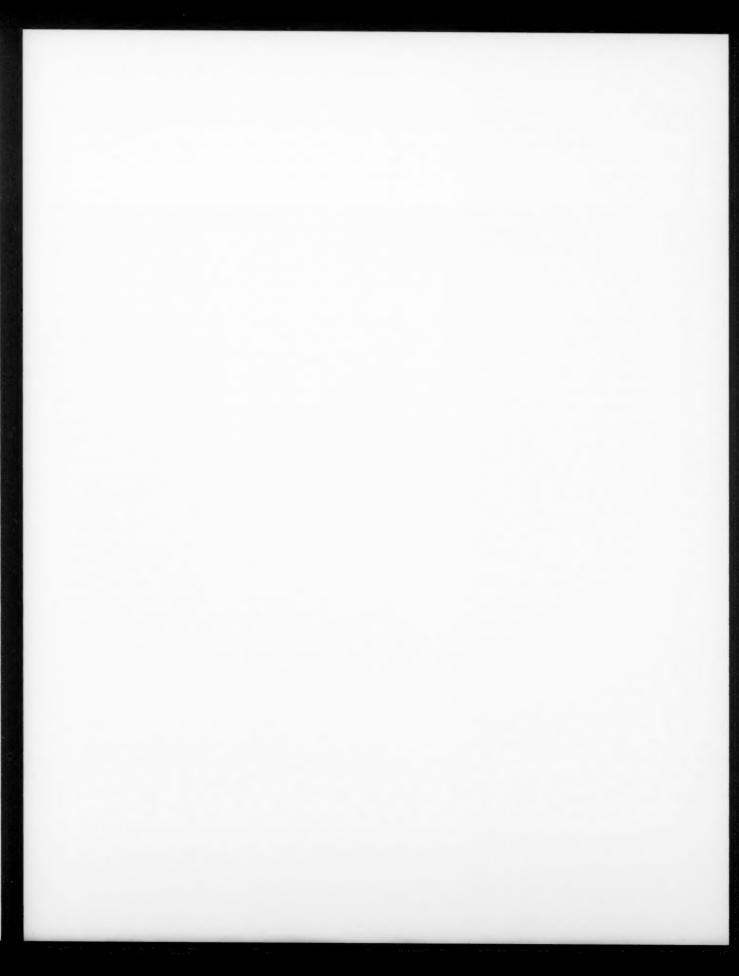
^{*} Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of >100,000. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.

† Pneumonia and influenza.

Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

Total includes unknown ages.





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